Fcode Labs

Full-Stack Engineering to Fast-Track Your Roadmap

We design and engineer cost-effective digital solutions that help businesses innovate, grow, and lead—trusted by forward-thinking companies worldwide.

Fcode Labs, one of the fastest-growing tech companies to originate from Sri Lanka, was founded in 2018 by three visionary graduates from a leading technical university. With operational bases in Singapore and Sri Lanka, and a team of over 80 top engineers, we serve as a trusted partner for global enterprises tackling complex digital transformation challenges.

Our Expertise

Digital Transformation

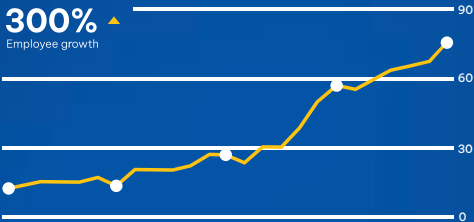### AI, ML & Data Engineering

Product Engineering

UI/UX Design

Cloud Development

Quality Assurance & Automation

We are 85+ Members and Growing!

300% ▲
Employee growth

	90
	60
	30
	0

And among the 50 Best Workplaces in Asia

Great Place To Work. Certified OCT 2021-OCT 2022 LKA ™

Best Workplaces™ Great Place To Work. SRI LANKA 2022 ™

Great Place To Work. Best Workplaces Asia 2022 ™

Our Clients

MOHT | MOH OFFICE FOR HEALTHCARE TRANSFORMATION

MINISTRY OF HEALTH
SINGAPORE

promiseQ

exazyme

MAS
CHANGE IS COURAGE

brandix®
inspired solutions

Dialog

Kiwrious

Seventh Sense

twinery
INNOVATIONS BY MAS

FORTUDE

THE UNIVERSITY OF AUCKLAND
NEW ZEALAND

Qualio®
Video4Learning

Blockchain Development
Sustainable
Energy tracking

Health Tech
Singapore Government

Product Engineering
AI Based Travel Agent

Health Tech
Active Transportation
& Recreation

Digital Transformation
Manufacturing Giants

Product Development
Rail Tech Company

Mobile Application
Health Tech Company
in Norway

Digital Product Engineering
Smart Workplaces,
USA

AI & Health Tech
Auckland University

AI & Product Engineering
German AI Startups

Testimonials

Yanyan Hu, PhD
Deputy Director
Ministry of Health Office for Healthcare Transformation, Singapore

Flexibility and timeliness are hallmarks of this partnership. Fcode Labs is a hard-working team that can adapt to a flexible work arrangement as needed, and internal stakeholders are particularly impressed with the vendor's development agility and efficiency.

★★★★★

Ingmar Schuster, PhD
Founder, CEO
Exazyme GmbH,
Germany

We at Exazyme, develop artificial intelligence to design proteins, for example, to use as drugs to cure cancer. Working with Fcode Labs gave us instant access to a pool of talented engineers with broad knowledge and all the expertise we needed when needed. It's great when your partner thinks about improvements in your process. In general, Fcode Labs exceeded our expectations.

★★★★★

▶ Watch Case Study on YouTube

CLIENTS SAY
WE DELIVER
ON
Clutch

Scan QR to read reviews on Clutch

Testimonials

David Stevens
CTO,
Praedico Rail,
Netherlands & Australia

Hiring from different countries can be challenging, but Fcode Labs helped us bridge that gap. Onboarding engineers from Fcode Labs was smooth, and the team is comfortable working across different time zones. Their internal processes effectively facilitate the growth of their employees

★★★★★

▶ Watch Case Study on YouTube

Elias Kardel
CTO, PromiseQ GmbH
Germany

The structured and measured approach of solving problems at challenging situations made Fcode Labs developers, role models for our young team. The way they approach problems, their professionalism and responsiveness showed that as a company they have lot of low-level processes to help make client engagements smooth. They are a great agency from Sri Lanka, and I recommend them to everyone.

★★★★★

▶ Watch Case Study on YouTube

Scan QR to read reviews on Clutch

Software Services Company Engagement Models

Project Outsource
We can work together to fix the requirement first

Scalable Remote Teams
You want more agility. Rapid changes to the business

CTO as a Service
Much more than an engineering team. We become your technical partner

Fractional CPO
Driving product success through strategy, execution, and market alignment

Project Outsource

We can work together to fix the requirements first

Requirement Gathering

Feature Prioritisation

Budget Approval

Sign-off

Maintenance + Support

Kick-off

Delivery Milestone 01

Delivery Milestone 02

Go Live

Budget Management

Control over the project budget, with costs known in advance for better financial planning.

Request a Demo to see how our process works in detail

Remote Teams, Elite Development, Affordable Excellence.

30-Day Trial
Enjoy a 30-day trial before you enter into any full-time agreement.

High-Quality Talent
English-speaking developers hand-picked to meet your exact needs.

Scalable Teams
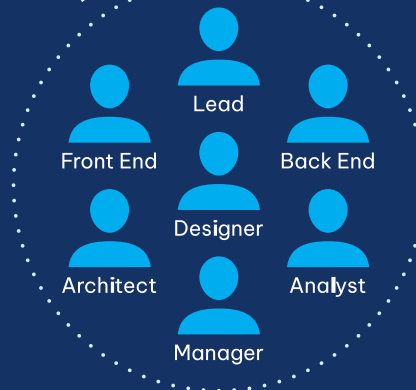Build lean and adaptable teams without overhead costs like HR.

Cost Effective
Save on costs with hands-on developers aligned to European time zones.

YOUR IN-HOUSE TEAM

DEDICATED FCODE TEAM

Lead

Front End

Back End

Designer

Architect

Analyst

Manager

CTO as a Service

Guiding technology decisions to scale and innovate with confidence

Innovation & Technology Strategy

Tech Stack Selection & Scalability Planning

Full-Stack Engineering & Architecture Oversight

Project Management & Risk Mitigation

Fractional CPO

Driving product success through strategy, execution, and market alignment

Product Strategy & Roadmap Execution

Customer Insights-Driven Development

Agile Product Delivery & Process Optimization

Go-to-Market & Scaling Strategies

Our Tech Stack

● Front-End Development

JavaScript Frameworks
React, Angular,or Vue.js for dynamic and responsive user interfaces.

CSS Frameworks
Bootstrap or Tailwind CSS for styling.

● Back-End Development

Programming Languages
Node.js, Python (Django or Flask) or Java (Spring Boot) for robust server side development.

Database Management
PostgreSQL,MySQL, or MongoDB for data storage solutions.

● Mobile App Development

Cross-Platform Tools
React Native or Flutter for efficient cross-platform mobile application dvelopment.

● Cross-platform Tools

Native App Development
Swift for iOS and Kotlin/Java for Android.

● Cloud Computing and DevOps

Platforms
AWS, Azure, or Google Cloud Platform for scalable cloud infrastructure.

Containerization and Orchestration
Docker and Kubernetes for container management and deployment.

Continuous Integration/Continuous Deployment (CI/CD)
Jenkins, GitLab CI, or GitHub Actions for automating the software delivery process.

● Artificial Intelligence and Machine Learning

Libraries and Frameworks
TensorFlow, PyTorch, or Scikit-Learn for AI and ML model development.

Data Processing
Apache Spark or Hadoop for handling large-scale data processing.

● Security

Tools and Practices
OAuth for authentication, SSL/TLS for secure communication, and regular security audits.

● Web Services and APIs

RESTful Services
Express.js for Node.js or Django REST framework for Python.

GraphQL: For more flexible data query and manipulation.

● Version Control and Collaboration

Tools
Git with GitHub, GitLab, or Bitbucket

● Testing and Quality Assurance

Frameworks
Jest (for JavaScript), PyTest (for Python), or JUnit (for Java) for unit testing.

End-to-End Testing Tools
Selenium or Cypress.

AI, ML & Data Engineering Services

1 **Voice Processing**

Voice Recognition
Real-time Transcription & Summarization

2 **Natural Language Processing (NLP)**

Text and Sentiment Analysis
Chatbots & Virtual Assistants

3 **HealthTech AI Solutions**

Diagnostic Imaging Analysis
Predictive Healthcare
Patient Data Insights

4 **Machine Learning Development**

Customized Model Development
Model Training & Optimization

5 **Computer Vision**

Image & Video Analysis
Object Detection
Facial Recognition

6 **Data Engineering & Integration**

Data Ingestion & ETL Pipelines
Data Integration & Migration
IoT Data Management

7 **Big Data & Cloud Engineering**

Scalable Cloud Data Solutions
Real-time Stream Processing
Big Data Frameworks (Hadoop, Spark)

8 **Business Intelligence & Analytics**

Data Visualization Dashboards
Predictive & Prescriptive Analytics
BI Tool Integrations (Power BI, Tableau)

9 **Generative AI & LLM Integrations**

OpenAI and Custom LLM Applications
Generative AI for Content Creation
Personalization Systems

Our Values

Transparent actions, accountable interactions

From client communication and engineering processes to final product delivery and aftercare, we maintain excellence across all our operations.

Today's best is tomorrow's norm

By adapting quickly, we help our clients stay ahead in an ever-changing world.

Innovation at the forefront

Beyond embracing trends, we collaborate to uncover untapped opportunities, turning ambitious ideas into impactful solutions.

Setting the bar high

Beyond embracing trends, we collaborate to uncover untapped opportunities, turning ambitious ideas into impactful solutions.

Every little thing matters

Our meticulous approach creates not just great products but also seamless experiences for clients and users alike.

Embrace diverse voices, celebrate different perspectives

We empower teams with different perspectives, fostering a culture where collaboration leads to groundbreaking results.

Enjoy the journey, cherish the relationships

We invest in people, celebrate milestones, and focus on sustainable growth for the future

Founding Team

Buddhishan Manamperi
Co-CEO
in

Buddhishan, a visionary entrepreneur with a passion for innovation, previously led multiple award-winning ventures in IoT and AI.

Now, as Co-CEO of Fcode Labs, he leverages his creative vision and expertise in market positioning to drive the company's growth.

His ability to stay ahead of industry trends has solidified Fcode Labs' reputation as a leader in digital transformation

Tharindu Malawaraarachchi
Co-CEO
in

Ranked second in Sri Lanka's most competitive exam, Tharindu has always been a high achiever with a drive for excellence.

Before co-founding Fcode Labs, he explored multiple ventures, honing his resilience and financial acumen.

As Co-CEO, he oversees global partnerships and operational strategy, ensuring sustainable growth and a collaborative culture that propels the company's global success.

Ramesh Rathnayake
CTO
in

A tech prodigy from a young age, Ramesh's passion for innovation was evident in his school days when he won national awards for his groundbreaking projects. While at university, he created and sold electronic gadgets, showcasing his entrepreneurial spirit.

As CTO of Fcode Labs, Ramesh continues to channel his technical brilliance, leading the development of cutting-edge solutions and fostering a culture of engineering excellence.

Compliance and Security

Understanding and Protecting Assets

Vendor Contract Reviews

Data Flow Mapping and Encryption

CIS-defined Secure Configurations

Proactive Threat Management

Risk Identification and Mitigation

Professional Endpoint Security

Privacy by Design and Training

ISO 9001:2015 Certified

ISO 27001:2022 Compliant

ISO 27017:2015 Compliant

ISO 27018:2019 Compliant

GDPR

PERSONAL DATA PROTECTION ACT PDPA COMPLIANCE

Read our efforts to Data Privacy, Security & Compliance

Sustainability

Fcode Labs supports Sustainable Development Goals

SUSTAINABLE DEVELOPMENT GOALS

Good Health and Well-being:

Our products in mental health directly improve the well-being of people by offering advanced and accessible solutions.

Quality Education:

Supporting remote school children with career guidance and resources to enhance their future opportunities.

Decent Work and Economic Growth:

Promoting remote work through our hybrid model, ensuring flexibility and inclusion while offering remote services globally.

Reduced Inequalities:

Maintaining inclusive policies to foster diversity, equity, and belonging within our company culture.

Responsible Consumption and Production:

By automating business processes efficiently, we reduce the need for paper, promoting sustainability.

500+
Under-represented Students benefited from our CSR programs.

50%
Female representation in 2024 hiring cycle.

0%
Paper usage in Company Adminstration

Read our commitment to a sustainable future

Industries

Healthcare

Telemedicine

Chronic Disease Management

Remote Patient Monitoring (RPM)

Chronic Disease Management

Patient Engagement

Digital Therapeutics (DTx)

AI-Based Diagnosis

Manufacturing

Smart Manufacturing

Supply Chain Optimization

Remote Patient Monitoring (RPM)

Product Quality and Safety

Operational Optimization

Digital Twins for Manufacturing

Industry 4.0 Transformation

Research & Development

Automotive

Customer Experience Enhancements

Supply Chain Optimization

Connected Vehicles

Smart Manufacturing

Vehicle Safety and Training

Research & Development

Automotive

AI-Powered Video Analytics

Seamless CCTV Integrations

Intelligent Incident Management

Real-Time Monitoring

Research & Development

Education

Video-Based
E-Learning Solutions

AI-Powered
Personalized Learning

Student Engagement &
Gamification

Learning Management
Systems (LMS)

Virtual Classrooms &
Remote Training

Compliance &
Certification Platforms

Telecommunications

AI-Driven Customer
Support Automation

Network Performance
Optimization

Predictive Maintenance
for Infrastructure

Telecom Fraud
Detection

Digital Self-Service
Platforms

AI Chatbots & Call
Center Optimization

Energy & Sustainability

Blockchain-Based
Energy Tracking

Smart Grid & Energy
Optimization

Renewable Energy
Analytics

IoT for Smart Energy
Management

Carbon Footprint &
ESG Tracking

AI-Based Energy
Forecasting

Transportation

AI-Powered Traffic
Management

Smart Fleet &
Logistics Tracking

Real-Time Public
Transport Monitoring

Mobility-as-a-Service
(MaaS) Platforms

Predictive Vehicle
Maintenance

Ride-Sharing & Taxi
Booking Apps

Case Studies

HEALTHCARE

Transforming Mental Healthcare with the Ministry of Health, Singapore
Singapore | Government | Healthcare

Enabling Remote Diagnosis and Treatment for Tinnitus
USA | Startup

SIBO: AI-Powered Diagnostics for SIBO Detection
Germany | Startup

WIZ Health: AI-Powered, Privacy-First Health Records on the Go
Switzerland | Startup

Maia: Redefining Mental Health Treatment with Remote Solutions
New Zealand | Startup

HEALTHCARE

iLogCancer: Pioneering Remote Cancer Treatment with a Mobile App
Norway | Startup

AUTOMOTIVE

Elevating Rail-Tech with a Remote Team
Netherlands, Australia | Enterprise

BIO-ENGINEERING

Transforming Protein Analysis with a Remote Dream Team
Germany | Startup

ENERGY & SUSTAINABILITY

Enabling Sustainable Energy Tracking with Blockchain
UK | Startup

SECURITY

Implementing AI-Based Surveillance with a Remote Team
Germany | Startup

MANUFACTURING

Revolutionizing Order Management for a Manufacturing Giant

Sri Lanka | Enterprise

Oxygen: Leading Industry 4.0 Transformation with User-Centric Solutions

Sri Lanka | Enterprise

Streamlining Garment Fit Processes with Mobile Innovation

Sri Lanka | Enterprise

90% Reduction in Time Spent on Manual Data Entry

Sri Lanka | Enterprise

EDUCATION

uQualio: Accelerating User Adoption through Enhanced UX for E-Learning Partner

Denmark | Enterprise

TELECOMMUNICATION

Improving Customer Care with Machine Learning at a Telco Giant

Sri Lanka | Enterprise

CONSUMER

Bunamo: Crafting the Ultimate Mobile Experience for Coffee Lovers

Germany | Startup

Seventh Sense in Collaboration with OpenCV

Singapore | Enterprise

Social Motion: A Canadian Social Fitness App

Canada | Startup

TRANSPORTATION & LOGISTICS

Roverr: Revolutionizing Taxi Booking

Germany | Startup

Hani: Navigating Paris with a Personalized Mobile Travel Experience

France | Startup

Modernizing Field Workforce Management for Leading Conglomerate
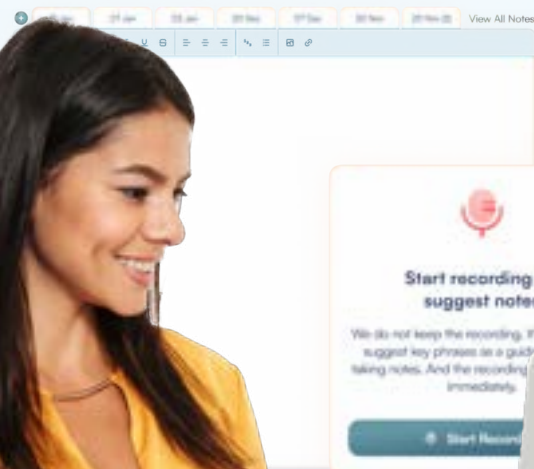
Sri Lanka | Enterprise

Progress Magic: The Ultimate Practice Management Tool

Progress Magic, a product developed by Fcode Labs, represents a comprehensive, AI-driven practice management solution engineered to enhance operational efficiency, simplify client management, and integrate billing processes seamlessly within a single platform. This innovative tool is perfectly suited for coaching professionals seeking a robust practice management system.

- Effortless Client Management
- User Engagement Tracking
- Session Bookings and Payment
- AI-Powered Note-Taking
- Friendly User Interface
- Follow-up notification

No. of Clients
24 5% ↗

Bookings this week
15 7% ↗

Start recording to suggest notes

We do not keep the recording. It's only used to suggest key phrases as a guide taking notes. And the recording immediately.
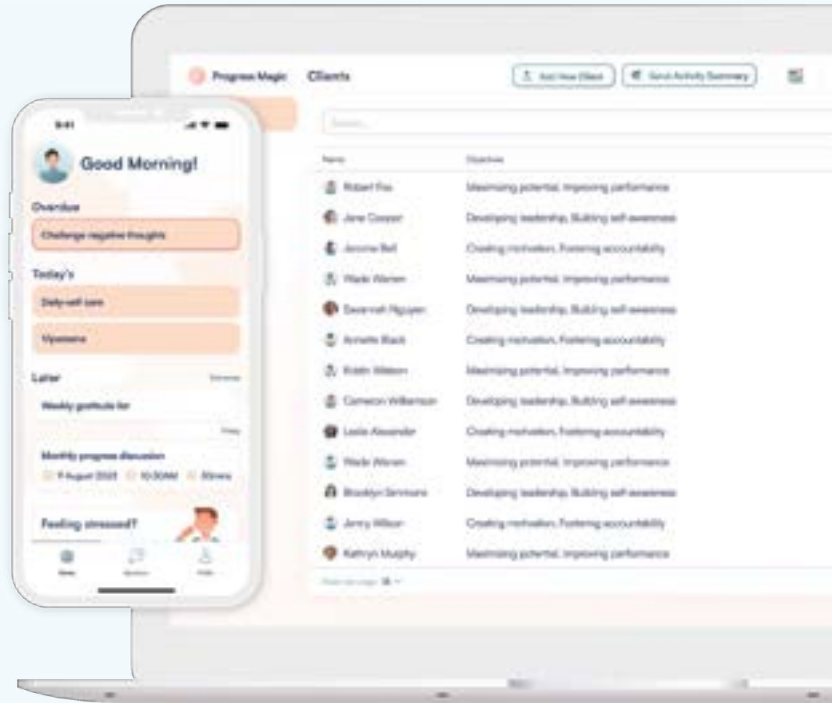
Start Record

The Process

Our team is responsible for the market research, encompassing user interface and user experience design, entire production process, full-stack development, comprehensive testing, and deployment.

Data Security & Privacy

Progress Magic ensures data privacy and security through a comprehensive set of measures tailored to protect sensitive information. We utilize advanced encryption protocols to encrypt all data stored within our platform, ensuring robust protection against unauthorized access. Access to sensitive data is strictly controlled, enforced through role-based access controls and regular compliance audits.

Furthermore, we employ data anonymization techniques to remove personal identifiers from data wherever possible, enhancing privacy. Additionally, we adhere rigorously to regulatory requirements, including the General Data Protection Regulation (GDPR), ISO27001, 27017 & 271018 to ensure compliance across all data handling and privacy processes. Regular audits of our systems and processes help us continuously improve our security measures and maintain high standards of data protection.

Transforming Mental Healthcare with the Ministry of Health, Singapore

The Project
Mindline.sg
Mental Health Support: Mindline.sg is a versatile web and mobile platform, offering Singaporeans tools, tips, and resources for managing mental health. It provides accessible support and promotes awareness.

HOPES
Early Mental Health Detection: HOPES, a mobile platform, revolutionizes early detection and treatment of mental health patients, empowering healthcare professionals.

The Challenge
MOHT, tasked with enhancing healthcare in Singapore, sought a trusted technology partner for software development.
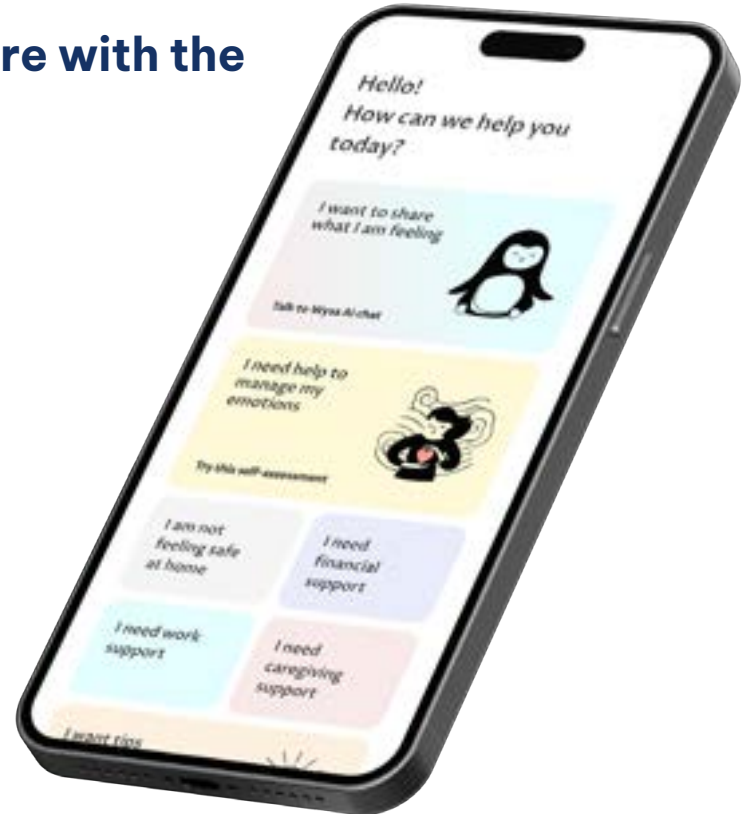
Impact
Our expert team, comprising architects, full-stack engineers, and DevOps specialists, has been working closely with MOHT for over three years, continuously improving and managing these platforms. We're proud to contribute to Singapore's mental healthcare advancements through technology.

Client
Ministry of Health Office for Healthcare Transformation (MOHT) Singapore

Client description
MOHT, a pioneering healthcare innovation entity within the Singaporean government, focuses on improving public healthcare services through technological advancements.
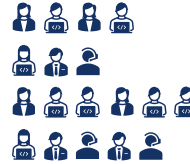
Project Timeline

Sep 2019

Started a 2-week engagement with one Front End Developer

Jun 2022

Allocated 2 fully dedicated remote teams with Architects, Engineers, Quality Assurance Engineers, DevOps and Project Managers

Secured the Second project

Dec 2024

Scaled the teams with Mobile Engineering Expertise

2030

Singapore government aims to establish Mindline as the go-to mental health platform for the nation

On-site work at MOHT, Singapore

Deliverables

• 2 Remote engineering teams & on-site support
• 2 Mental Health Applications - www.mindline.sg
• Web and Mobile Apps (Android & iOS)

• Quality Assurance for seamless user experiences
• 24/7 Application Support
• PDPA Compliance (Personal Data Protection Act)

Enabling Remote Diagnosis and Treatment for Tinnitus

The Project
Fcode Labs joined forces with TrueSilence Therapeutics to develop UpSilent, a web and mobile application designed to remotely monitor, track, and treat Tinnitus (a hearing impairment). This innovative platform employs patented sound therapy and innovative games for patient treatment, utilizing 3D sound generation within the application.

The Challenge
The startup founders sought a dependable technology partner for their ambitious venture. Having collaborated with Fcode Labs for the product MVP and user testing, they needed to secure FDA approvals and conduct extensive research on 3D sound generation in mobile applications and sound attribute accuracy – areas where Fcode Labs demonstrated capability.

Impact
Fcode Labs actively participated in the development of the 3D sound engine, mobile applications, and games. This partnership allowed TrueSilence Therapeutics to lead the way in Tinnitus treatment, offering innovative solutions for patients and advancing research in sound therapy.
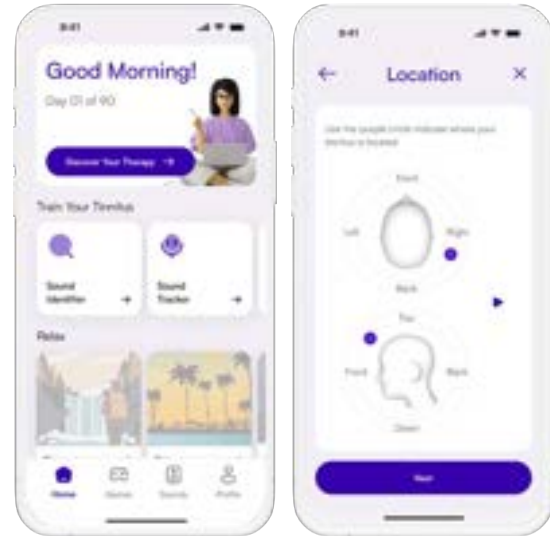
HIPAA COMPLIANT   **FDA**

Client
TrueSilence Therapeutics USA

Client description
TrueSilence Therapeutics USA, a startup based in the USA and supported by the University of Auckland, New Zealand, is dedicated to pioneering Tinnitus treatment solutions.

Deliverables
- A 3D Sound Engine for Mobile Applications
- Mobile Applications for Tinnitus treatment
- Engaging Mobile Games to enhance patient experience

SIBO: AI-Powered Diagnostics for SIBO Detection

The Project

Fcode Labs partnered with Arttac Solutions to develop an AI-driven diagnostic system for detecting Small Intestinal Bacterial Overgrowth (SIBO). The solution involved sending test kits to patients, collecting patient data and test results, and using AI to predict the disease and categorize patients. The goal was to enhance accuracy and streamline the diagnostic process, making it more efficient and accessible.

The Challenge

Arttac Solutions required a scalable and intelligent system to improve SIBO detection. The project needed to integrate multiple test types, provide reliable disease prediction using AI, and generate structured, comprehensive result sheets. A major challenge was training the AI model with limited data while ensuring accuracy. To address this, an auto-training mechanism was implemented to refine predictions as more patients used the test kits.

Impact

Fcode Labs successfully built and deployed the machine learning model within six months, integrating an auto-training feature that continuously improved accuracy. The project expanded into a second phase, incorporating multiple test types and enhancing the codebase and testing framework. This allowed for a more reliable and scalable solution, improving early detection and patient outcomes.

GDPR

Client
Arttac Solutions

Client description
Arttac Solutions specializes in AI-powered medical diagnostics, enabling faster and more reliable disease detection through innovative health-tech solutions.

Deliverables

• A fully developed AI-powered prediction model capable of detecting SIBO and categorizing patients

WIZ Health: AI-Powered, Privacy-First Health Records on the Go

The Project
WizzHealth is a privacy-first health records app that securely stores medical data locally. It offers AI-powered insights, medication tracking, document scanning, and health integrations, ensuring offline access with minimal internet dependency.

The Challenge
Rifarost were seeking for a privacy-first, offline health companion, a seamless way to manage medical records, appointments, and prescriptions, enriched with AI-driven insights and effortless health integration, all with minimal internet dependency.

Impact
A feature-rich, privacy-first health records app built in 4 months— offering secure local storage, AI-powered health insights, medication & appointment tracking, document scanning, and seamless Apple/Google Health integration for a smarter, offline-first healthcare experience.

Client
Rifarost Sarl

Client description
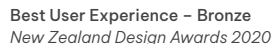Startup based in Switzerland.

Deliverables
• Privacy-first health records app built in 4 months
• AI-powered health insights with secure local storage
• Medication tracking, document scanning & health integration

Maia: Redefining Mental Health Treatment with Remote Solutions

The Project
Fcode Labs joined forces with the University of Auckland and Maia Limited to create MAIA, a groundbreaking web and mobile platform for tracking, managing, and treating mental health patients online, including video calls and chat services.

The Challenge
Despite having innovators and scientists on board, they needed a proficient technology partner to develop a mental health treatment application adhering to industry standards.
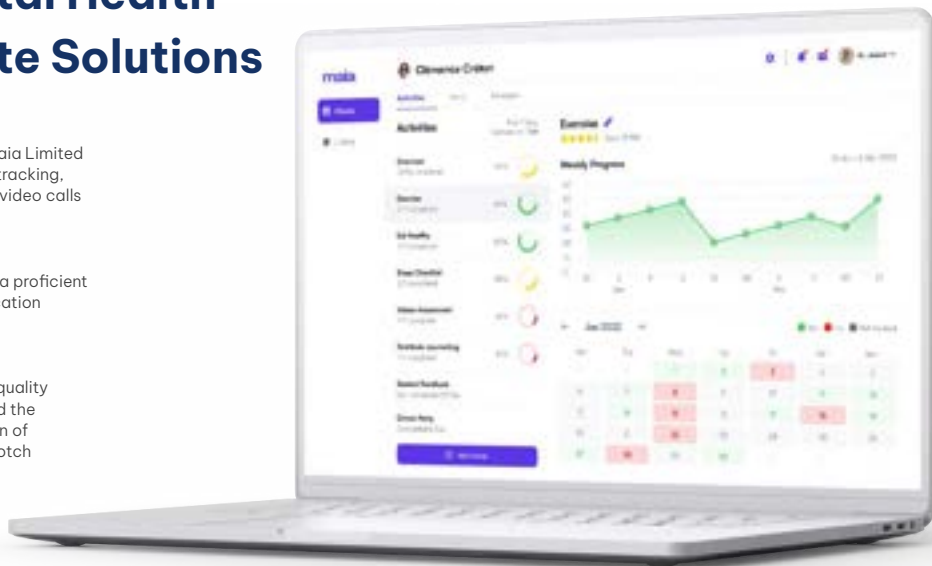
Impact
Fcode Labs took charge of software architecture, engineering, quality assurance, and HISO compliance. This collaboration empowered the University of Auckland and Maia Limited to focus on their mission of revolutionizing mental health treatment while we ensured top-notch technology development.

Best User Experience – Bronze
New Zealand Design Awards 2020

hiso

Client
University of Auckland & Maia Limited

Client description
The University of Auckland, a global top 100 institution with over 5,900 staff members, and Maia Limited, a mental health innovation company, collaborated on a mission to address mental health challenges.

Deliverables
• Web and Mobile Applications (Android & iOS)
• HISO Compliance (New Zealand Healthcare Data Privacy Standards), ensuring patient data security and privacy.

Pioneering Remote Cancer Treatment with the iLogCancer App

The Project
The iLogCancer app is a groundbreaking solution that tracks, monitors, and remotely treats prostate cancer patients. Its intuitive interface ensures accessibility for patients of all ages.

The Challenge
ILogCancer sought a reliable mobile engineering partner to bring their vision to life.
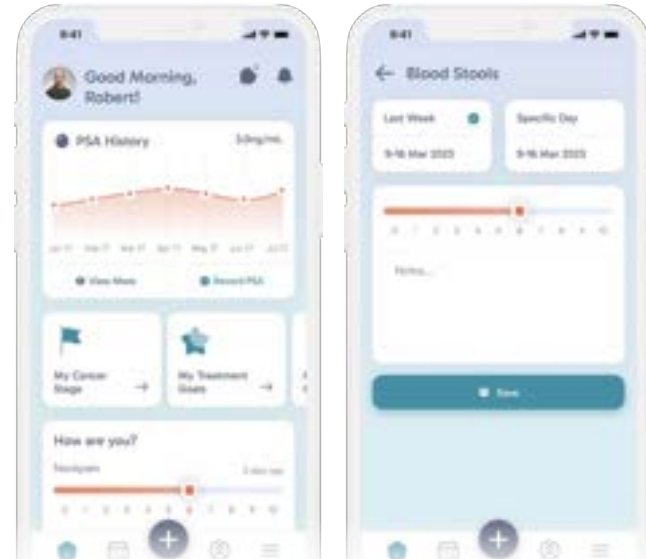
Impact
Fcode Labs provided mobile application engineering services for over 6 months. We leveraged Google Flutter with Bloc architecture to create an intuitive user experience. This partnership allowed ILogCancer to pioneer remote cancer treatment, offering accessible and effective care for prostate cancer patients.

Client
ILogCancer

Client description
ILogCancer is a Norwegian startup dedicated to innovative cancer treatment solutions.

Deliverables
• A Cross-Platform Mobile Application
• Quality Assurance to ensure reliability and performance

Elevating Rail-Tech with a Remote Team

The Project

Fcode Labs partnered with Praedico to provide a custom-tailored solution. Our team of expert software engineers and quality assurance engineers became an extension of the Praedico team, working collaboratively to achieve their goals.

The Challenge

Praedico faced the formidable task of leveraging AI to enhance rail networks. By analyzing vast amounts of sensor data from critical train and infrastructure components, they aimed to predict component breakages in advance. This would enable them to schedule maintenance only when necessary, thus optimizing rail operations.

Impact

Our remote team seamlessly integrated with Praedico's workforce, working together to harness the power of AI and sensor data to optimize rail networks. Through this collaborative effort, Praedico was able to make significant advancements in their mission to revolutionize rail technology.

GDPR

Client
Praedico
Netherlands | Australia

Client description
Praedico, a railway technology company with operations in the Netherlands and Australia, specializes in harnessing AI to optimize rail networks.

Deliverables

• A dedicated team of Software Engineers and Quality Assurance Engineers
• Seamless integration with the client's existing team, fostering close collaboration and knowledge sharing

Transforming Protein Analysis with a Remote Dream Team

The Project

Fcode Labs partnered with Exazyme for an ambitious project. Exazyme's AI protein design tool revolutionizes biotech innovation by exploring the entire search space for optimal results. This all-in-one app handles multiple property targets, achieving superior outcomes with 100x fewer experiments than standard methods.

The Challenge

Exazyme's founders, PhDs in Chemistry and AI, needed a skilled engineering team fluent in scientific language. They required flexibility to adapt to their startup's changing needs.

Engagement

Fcode Labs provided a fully-fledged remote engineering team, supporting Exazyme for 12+ months. This partnership enabled Exazyme to advance its AI-based protein analysis platform, offering flexibility and superior results to meet evolving challenges.

GDPR

Client
Exazyme GmbH

Client description
Exazyme GmbH, a Berlin-based startup funded by BMWi and the European Social Fund, specializes in AI-based protein analysis.

With Exazyme team in Berlin, Germany

Project Timeline

Feb 2022

Started with one full stack engineer

Sep 2022

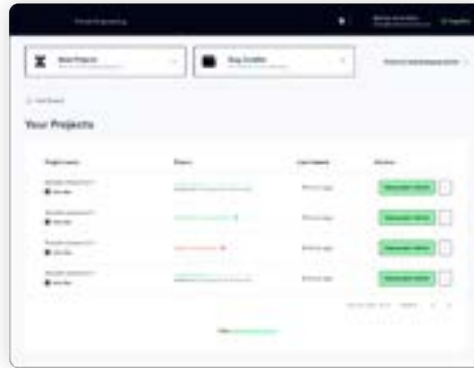Increased the Full-stack resource count with the requirement

Jan 2023

Provided a flexible team of Architects, designers, software engineers and AI engineers

Jul 2023

Added digital marketing support team on 50% allocation

Deliverables

• A Fully Fledged Remote Engineering Team, including project managers, full-stack engineers, and AI specialists

• A Tailored Web Application
• Quality Assurance for top-notch performance
• Digital Marketing Support to expand platform reach

Enabling Sustainable Energy Tracking with Blockchain

The Project
Fcode Labs partnered with RE24 on an innovative venture. RE24 aimed to enable businesses to access 24/7 green energy directly from the source at competitive rates. They aspired to achieve full transparency in energy sources using blockchain for real-time traceability.

The Challenge
RE24 sought an affordable engineering team. They needed both skilled engineers and researchers to explore blockchain's application to their project.

Impact
Fcode Labs managed software architecture, engineering, quality assurance, and GDPR compliance. This partnership allowed RE24 to lead the way in sustainable energy tracking with blockchain technology, making eco-friendly energy accessible and transparent for businesses.

GDPR

Client
RE24

Client description
RE24, a London-based startup with seed funding, is dedicated to sustainable energy solutions.

Deliverables
- A Web Application on a private blockchain, ensuring data security and transparency
- Quality Assurance for a seamless user experience

Implementing AI-Based Surveillance with a Remote Team

The Project
Fcode Labs partnered with PromiseQ on an impactful initiative. PromiseQ's flagship technology, promiseQ, employs deep learning and crowd workers to filter out false alarms in video surveillance. Their aim was to ensure accurate threat detection across all camera types.

The Challenge
PromiseQ sought highly skilled engineers to tackle their core challenge - integrating their technology with various video camera types.

Impact
Fcode Labs extended its expertise to PromiseQ for 12+ months, empowering them to enhance AI-driven surveillance capabilities and seamlessly integrate with the world's leading CCTV camera systems. This helped improve the accuracy of threat detection.
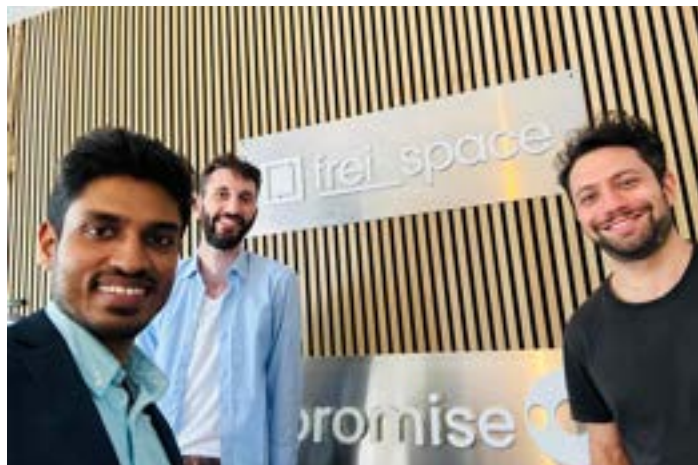
GDPR

With PromiseQ Founder/CTO in Berlin, Germany

Client
PromiseQ GmbH

Client description
PromiseQ GmbH, a Berlin-based startup with seed funding, specializes in AI-driven surveillance solutions.

Deliverables
- A Remote Team of AI and Software Engineers as an extension to the PromiseQ team
- Full-stack engineering expertise
- Seamless integration with leading CCTV camera systems

Revolutionizing Order Management for a Manufacturing Giant

The Project
Fcode Labs collaborated with Brandix on a pivotal project named JARVIS. This core tool empowers Brandix's merchandising staff to efficiently process, validate, and manage customer orders. The project's mission was to bring about a complete digital transformation in the handling of orders.

The Challenge
Faced with a massive volume of customer orders from renowned clothing brands like Nike, Victoria's Secret, and Adidas, Brandix needed to streamline its order processing. The goal was to digitally transform and modernize their entire order management process.

Impact
In this 15-month outsourced project, development, user acceptance testing, and deployment occurred in three carefully planned stages. Fcode Labs took responsibility for the entire enterprise architecture, engineering, and quality assurance, ensuring the successful transformation of Brandix Lanka's order management process.

User Acceptance Testing at Brandix

Client
Brandix Lanka Pvt Ltd

Client description
Brandix Lanka PVT LTD, a prominent player in the fashion and manufacturing industry, boasts a workforce of over 60,000 employees and an annual turnover exceeding $600 million.

Deliverables
- Web Application
- Quality Assurance to ensure a flawless user experience
- User Acceptance Testing for a seamless transition
- Integration with M3 ERP, ensuring seamless data flow and process alignment

Leading Industry 4.0 Transformation with User-Centric Solutions

The Project
Fcode Labs partnered with MAS Holdings to embark on "Oxygen," an Industry 4.0 digital transformation initiative. This project centered on integrating factories, machinery, human resources, and the supply chain using IoT and digital technologies.

The Challenge
MAS Holdings sought a partner who could not only develop cutting-edge software but also collaborate closely, innovate, and drive change management within their organization.

Impact
As the digital partner of this 4+ year project, Fcode Labs spearheaded user research, ideation workshops, strategy formation, engineering, and deployment. Our holistic approach empowered MAS Holdings to lead the way in Industry 4.0 transformation while fostering a user-centric and innovative culture within the organization.

Workshops conducted at MAS Holdings

Client
MAS Holdings PVT LTD

Client description
MAS Holdings PVT LTD, a global apparel design and manufacturing leader with over 99,000 employees and an annual turnover exceeding $2 billion.

Deliverables
• Workshops, Seminars, and Brainstorming Sessions to foster innovation
• Web Application Development and Enterprise Integrations
• Quality Assurance and User Acceptance Testing
• Comprehensive Change Management to ensure the smooth adoption of new technologies

Streamlining Garment Fit Processes with Mobile Innovation

The Project
Fcode Labs took on this transformative project, collaborating with MAS Holdings to develop Alt+it. This mobile-first application digitally centralizes fit data, empowering business users to efficiently manage fit sessions. It provides real-time visibility, scheduling, event management, and user notifications.

The Challenge
Despite their prowess in apparel design and manufacturing, MAS Holdings lacked the tech expertise needed for cutting-edge software. They sought a reliable partner to create a real-time, highly reliable mobile application.
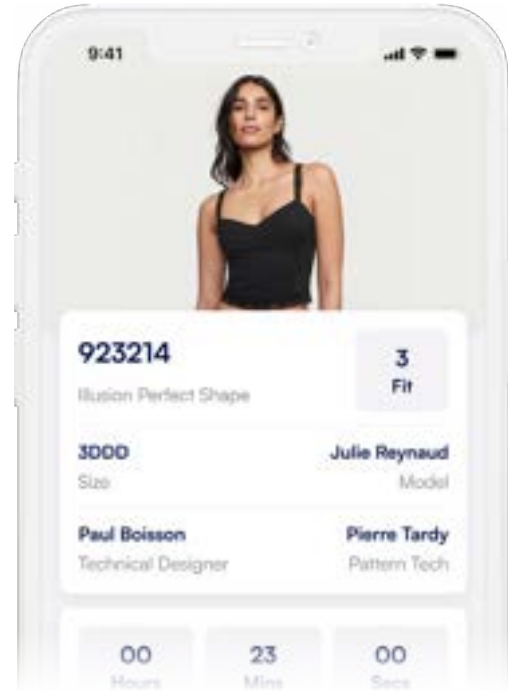
Impact
This 8-month partnership saved MAS Holdings 20% in total fit process time, streamlining their operations and enhancing efficiency.

Client
MAS Holdings PVT LTD

Client description
MAS Holdings PVT LTD, a global apparel design and manufacturing leader with over 99,000 employees and an annual turnover exceeding $2 billion.

Deliverables
• A Mobile Application for iOS and Android
• Ongoing Application Support
• Training Workshops to enhance team capabilities

923214
Illusion Perfect Shape

3
Fit

3000
Size

Julie Reynaud
Model

Paul Boisson
Technical Designer

Pierre Tardy
Pattern Tech

00
Hours

23
Mins

00
Secs

90% Reduction of Time Spent on Manual Data Entering

The Project
Fcode Labs collaborated with Bandix to develop a BOM (Bill Of Materials) Automation System that fully automates the workflow of entering raw material data of every placement line to their PLM. This project aimed to eliminate human errors during manual data entry and reduce the everyday effort required to update the material details against production lines.

The Challenge
The raw material details are typically kept in Excel files with 20 to 30 columns and over 100 lines. Entering these data and making sure these are mapped to the correct items in the PLM system was manual labour intensive and often resulted in mistakes. Transforming this process digitally requires handling large Excel and CSV files while validating every data field and mapping those to the correct item in the PLM system. Also, we made sure the Brandix team adopted this platform by designing an intuitive and easy-to-use product and providing training onsite and online.

Impact
Zero errors in entering the material details while reducing the human effort required by 90%. The whole system architecture, testing, and deployment were handled by the Fcode Labs team while providing ongoing support for the maintenance of the platform.

Client
Brandix Lanka Pvt Ltd

Client description
Brandix Lanka PVT LTD, a prominent player in the fashion and manufacturing industry, boasts a workforce of over 60,000 employees and an annual turnover exceeding $600 million

Deliverables
- Web application hosted in cloud
- Seamless integration with the PLM system that was in place
- Intuitive user interface for easy adoption
- Quality assurance and User Acceptance Testing
- Ongoing support

With Praedico Leadership in Amersfoort, Netherlands.

Accelerating User Adoption through Enhanced UX for E-Learning Partner

The Challenge
uQualio sought to enhance user experience to accelerate user adoption and required a dependable development partner to address these UX & software development challenges effectively.

The Engagement
Fcode Labs provided a comprehensive team specializing in UX design, product engineering, and WordPress web management, operating remotely to streamline uQualio's platform development.

Impact
The collaboration led to a more intuitive and accessible platform, significantly improving user engagement and broadening the platform's reach across various global sectors.
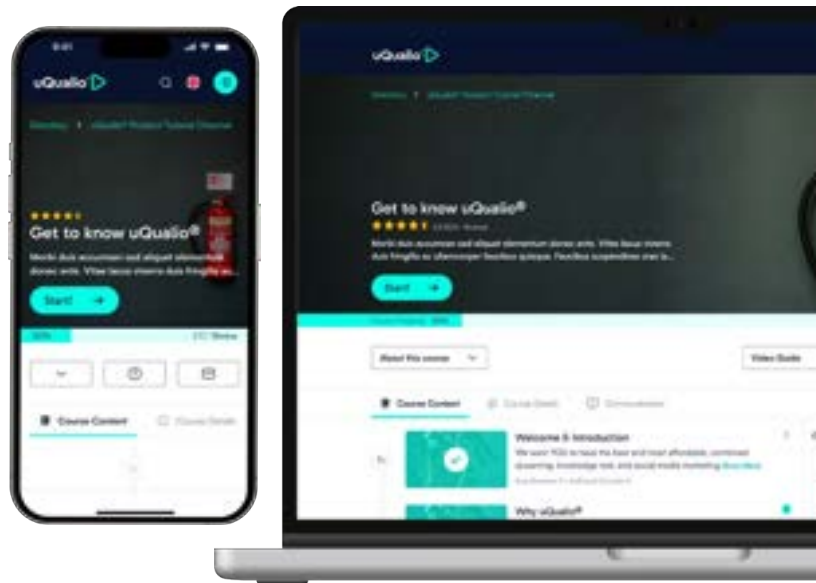
GDPR

Client
uQualio, Denmark

Client description
uQualio is a Denmark-based company with a global focus, specializing in video-based e-learning solutions. They provide an innovative platform that simplifies creating and sharing engaging video courses, aimed at democratizing learning across various sectors worldwide.

Deliverables
• Complete new look to the product with increased user satisfaction
• Comprehensive remote team that handles the platform's design, development and maintenance

Improving Customer Care with Machine Learning at a Telco Giant

The Project

Fcode Labs collaborated with Dialog Axiata on an innovative project. We developed a machine learning-based prediction tool that identifies the reasons behind customer calls by analyzing customer behavior. This tool analyzed a staggering 1 million call details per year.

The Challenge

As one of the largest telecommunications companies, Dialog Axiata receives millions of customer care calls annually. Their challenge was to optimize the efficiency of their customer care team by predicting the reasons behind customer calls.

Impact

Implementing this solution resulted in a 20% time saving for the customer care staff, translating to millions of rupees in annual savings for Dialog Axiata. This achievement not only improved operational efficiency but also enhanced the overall customer experience.

Client
Dialog Axiata
(Axiata Group)

Client description
Dialog Axiata, a prominent group of telecommunication companies in South-East Asia and Sri Lanka, boasts over 3,500 employees in Sri Lanka alone.

Deliverables

- An AI Algorithm with 86% accuracy in predicting the reason for customer care calls

Crafting the Ultimate Mobile Experience for Coffee Lovers

The Project
Fcode Labs partnered with Bunamo to create an innovative social platform designed for coffee enthusiasts. Bunamo connects home baristas and coffee roasters, allowing them to share recipes, shots, reviews, and coffee experiences. The goal was to build an engaging community-driven space to enhance coffee discovery across Europe.

The Challenge
Bunamo needed a seamless and scalable solution to support diverse user interactions while maintaining an intuitive experience for both coffee lovers and roasters. The platform required efficient content management, robust filtering for brands and recipes, and a visually engaging UI to drive engagement.

Impact
With Bunamo's innovative platform, coffee enthusiasts now have a dedicated space to explore, learn, and connect. The app bridges the gap between personal coffee brewing and professional roasting, fostering a dynamic ecosystem where users can discover new flavors, techniques, and brands effortlessly.

GDPR

Client
Dr. Torben Gräber &
Phill Kopp, Bunamo,
Germany

Client description
Bunamo is a Europe-based coffee-centric startup that enables users to explore, share, and engage with the global coffee community.

Espresso Sidamo
by Coffee Circle (Berlin)

4.8 ⭐⭐⭐⭐☆ (12)   from 34.99€/kg

Type	Espresso
Preparation	Moka Pot
Sort	100% Arabica
Origin	Äthiopien
Flavour	Karamell, dunkle Beeren
Characteristics	Single Origin, Organic
Roast Degree	7.5
Strength	9.5
Acidity	2

Buy Now!

Deliverables
• A mobile app connecting home baristas and coffee roasters
• A web portal for admins to manage users and coffee data
• A dedicated Roaster Portal for roasters to manage brands & coffee offerings

Seventh Sense in collaboration with Open CV

The Project
OpenCV is a powerful technology that leverages machine learning for real-time facial recognition on mobile devices. Its capabilities include facial detection and matching, making it a valuable tool for various applications.

The Challenge
Seventh Sense builds the OpenCV's core facial recognition algorithms. They wanted support in mobile engineering to develop the mobile application and integrate it with the API for their facial recognition application. They had the need to go to market as soon as possible.

Impact
During the project engagement, Fcode Labs designed and built the mobile applications and successfully published them to the Appstore and Playstore satisfying all the expectations. This included UI UX designing, comprehensive testing and compliance assurance to ensure a seamless user experience. The OpenCV application is now live on both the App Store and Play Store. (OpenCV Face Recognition)

Client
Seventh Sense, Singapore

Client description
OpenCV is one of the leading real-time computer vision library. Seventh Sense is using artificial intelligence, specifically focused on developing cutting-edge recognition technology in collaboration with OpenCV.

Deliverables
• Mobile applications for both iOS and Android platforms
• Integration with the existing face recognition backend APIs
• Quick time to market

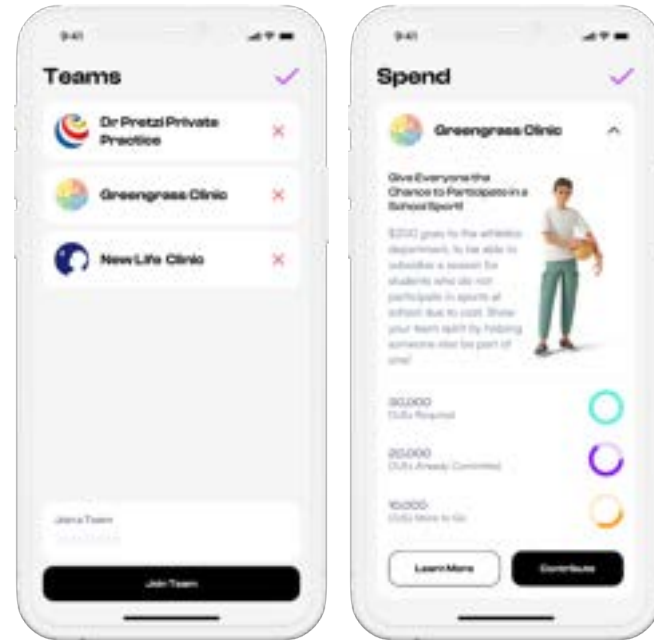# Social Motion : A Canadian social fitness app

The Project
Fcode Labs collaborated with Social Motion Inc to create a cutting-edge platform. Social Motion is a mobile-based solution aimed at enhancing transportation and recreational infrastructure.

The Challenge
The challenge was to develop a mobile-based platform that could promote health lifestyle with a unique user experience

Impact
Fcode Labs assumed complete responsibility for software architecture, engineering, and quality assurance. This partnership allowed Social Motion Inc to drive innovation in transportation and recreation infrastructure, providing a user-friendly platform for users to improve their daily commute and recreational activities.

Client

Social Motion Inc, Canada

Client description

Social Motion Inc is a Canadian startup focused on improving transportation and recreational infrastructure.

Deliverables

• Mobile Applications for both iOS and Android platforms
• Integration with Fitness Devices to enhance user experience
• Quality Assurance to ensure reliability and performance

With Bunamo founders in Stuttgart, Germany.

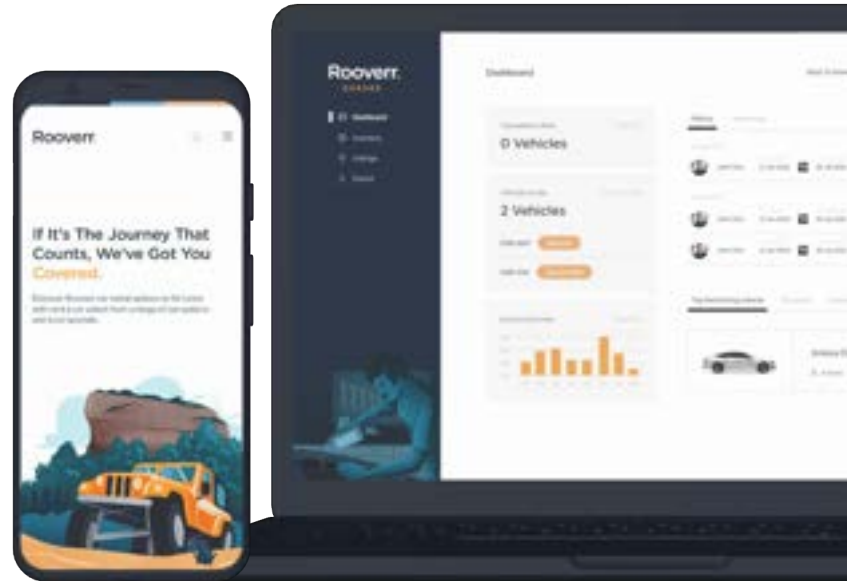# Revolutionizing Taxi Booking with Rooverr

The Project
Fcode Labs partnered with Rooverr to create a cutting-edge web-based platform. Rooverr offers a user-friendly taxi booking system, encompassing real-time booking management, secure payment handling, and flexible scheduling.

The Challenge
The challenge was to develop a highly scalable taxi booking application capable of handling up to 10,000 cars simultaneously.

Impact
Fcode Labs took charge of complete software architecture, engineering, and quality assurance. This partnership empowered Rooverr to revolutionize the taxi booking industry, providing a convenient and efficient platform for users while ensuring scalability for future growth.

Client
Rooverr: Taxi Booking Platform

Client description

Rooverr is a startup based in Colombo, Sri Lanka, with a mission to modernize the taxi booking experience.

Deliverables
• A Scalable Taxi Booking Application designed to meet high demand
• Quality Assurance to ensure a reliable and seamless user experience

Navigating Paris with a Personalized Mobile Travel Experience

The Project

Fcode Labs partnered with Hani, a Paris-based travel guidance app, to transform how travelers explore the city. By leveraging user-generated inputs and a proprietary database, Hani delivers personalized recommendations based on travelers' preferences, ensuring a more immersive and engaging experience.

The Challenge

Hani required a scalable and intuitive platform to provide customized travel recommendations while handling real-time location data and user preferences. The platform needed efficient data management, dynamic content filtering, and robust analytics to track user engagement. Understanding Parisian travel culture and user behavior was essential to crafting an authentic experience.

Impact

Hani has successfully redefined travel exploration in Paris, offering intuitive, culturally aware recommendations. By integrating real-time data and user insights, the app enhances engagement while ensuring hyper-personalized suggestions. The admin web portal provides analytics and content management tools, enabling the Hani team to continuously refine and optimize user experiences.
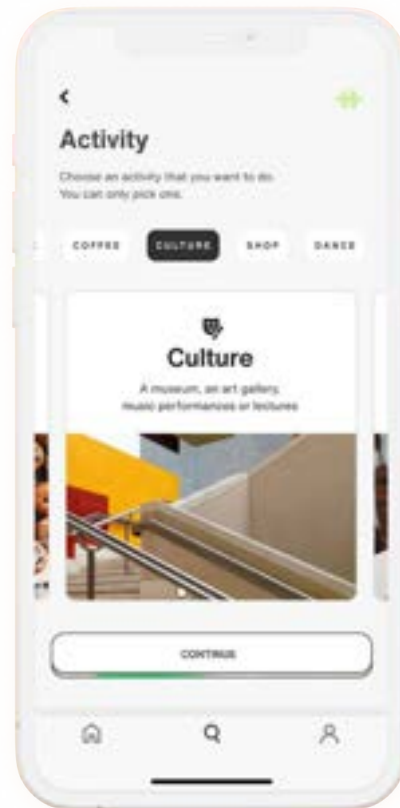
GDPR

Client
Harry Sevi & Nicolas Richard,
Hani, Paris, France

Client description
Hani is a Paris-based travel tech startup that delivers preference-based, location-specific recommendations, helping travelers discover Paris in a way that matches their interests.

Modernizing Field Workforce Management for Leading Conglomerate

The Project
Fcode Labs collaborated with David Peiris Group to develop the Field Workforce Management System (FWMS). This internal solution efficiently manages, tracks, and audits employee tasks across the group's companies.

The Challenge
With a vast field workforce across diverse sectors, David Peiris Group needed an efficient mechanism to track and allocate tasks to its employees. They sought a dependable technology partner to address this challenge.
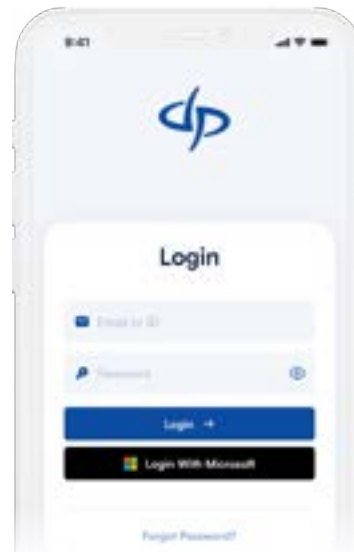
Impact
Fcode Labs handled complete software architecture, engineering, and quality assurance. This partnership led to the successful implementation of FWMS across all David Peiris Group companies, revolutionizing field workforce management and enhancing overall productivity.

Client
David Peiris Group: David Peiris Motor Company, Assetline Insurance, DP Infotech

Client description
David Peiris Group, boasting over 10,000 employees, is a conglomerate spanning the insurance, motor, and agriculture industries.

Deliverables
- A Mobile Application for field workforce
- An Admin Dashboard for task allocation and monitoring
- Ongoing Maintenance and Application Support for seamless operations

Fine Drawing at its Best: Drawing GIF

Creative App by Fcode Labs. Users can utilize their drawing desk with an awesome color palette to create your unique masterpieces today.

Features
Intuitive interface to sketch
Instant GIF creating from drawing
Pre-drawn templates
Easy color palettes with themes

Let's work together

Get in touch with us to learn how we can develop your ideas into digital products and services and how our teams can work to achieve your growth.

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