Lahiru Munasinghe

MOBILE DEVELOPER | FULL-STACK DEVELOPER

Kegalle, Sri Lanka

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GitHub: https://github.com/Lahiru-Ima

Portfolio: https://lahiru-ima.vercel.app

Profile Summary

Mobile Developer in Flutter and Android development, proficient in designing and deploying cross-platform mobile applications. Expertise in integrating advanced features such as real-time tracking, payment integration, and secure authentication, with a strong emphasis on delivering seamless user experiences.

Passionate about learning and staying updated with the latest technologies and industry trends. Proficient in working within agile teams and adapting to dynamic environments. Eager to contribute to a forward-thinking company and support the success of a dynamic team.

Technical Skills

- Flutter, Dart
- Native Android (Java)
- Provider, GetX, Bloc
- Clean Architecture
- Stripe, Google Maps API
- Push Notifications (FCM)
- In-App Purchase (Adapty)

- Firebase, AWS SES
- MySQL, MongoDB
- Rest APIs, WebSocket
- Node.js, Next.js, Tailwind
- Local DB (SQLite, Hive)
- GitHub, GitLab, CI/CD
- HTML, CSS, PHP

- Python, Java
- Zego Cloud Integration
- Play Store, App Store
- Agile, Trello
- UI/UX, Figma
- Debugging
- AI, ML

Work Experience

Mobile Developer (Contract)   Sep 2023 - April 2024

Block-Stars (Pvt) Ltd, Sri Lanka

- Developed the Taxinor mobile application for a Norwegian company, enabling passenger and driver functionalities
- Implemented key features such as Stripe payment gateway, real-time location tracking with WebSocket, and Google Maps API for location-based services
- Enhanced user interactivity by embedding REST APIs for streamlined functionality
- Collaborated on a technology stack comprising Flutter (with Provider) and PHP Laravel backend
- Technologies: Flutter, Stripe, Google Maps API, WebSocket, MongoDB, GitLab, REST API

Mobile Developer Intern   Feb 2023 - Aug 2023

Elzian Agro (Pvt) Ltd, Sri Lanka

- Contributed to the development of the ER Life Force Project, a blockchain-based mobile application for tracking and enhancing Photosynthetic Biomass (PB) of plant species
- Designed an offline audit module that enabled seamless functionality with inconsistent internet access, enhancing user experience and increasing app reliability under challenging conditions
- Automated email notifications via AWS SES and Node.js to simplify communication workflows
- Partnered within an agile team, enhancing team coordination and project delivery efficiency
- Technologies: Flutter, Node.js, MySQL, Postman, SQL Server, AWS SES, GitHub, SQLite

Projects

Mind Spark - Top Up Final Project | link   2023

- Designed a mobile application to provide comprehensive mental health support through online appointment scheduling and video conferencing
- Implemented an appointment system that allows patients to book and view meetings, with doctors managing availability through approval or decline features
- Delivered a reliable, user-friendly platform to streamline mental health consultations
- Technologies: Flutter, Firebase, Jitsi Meet, Provider, Figma, GitHub

Depression Prediction Mobile App - Group Project | link   2022

- Led a team to develop a mobile application featuring a Q&A system integrated with a machine-learning-based depression prediction system
- Developed the prediction model using Scikit-learn, with data processing and analysis handled by Pandas and NumPy in Python
- Built and integrated the backend with Flask and Fast API and deployed the application using Railway
- Technologies: Python, Pandas, NumPy, Scikit-learn, Firebase, Flask, Fast API, Flutter, Railway, GitHub

Education

BSc (Hons) Computing - First Class   2023 - 2024

Wrexham University, United Kingdom

NDT in Information Technology   2020 - 2023

Institute of Technology, University of Moratuwa, Sri Lanka

Extra-Curricular Activities

Videographer, Video Editor, Live Streamer   2022 - 2023

Moraspirit Initiative, University of Moratuwa

Graphic Designer   2021 - 2023

Institute of Technology University of Moratuwa

Referees

DR.(MRS) K Galappaththi

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