

DANUSHAN RAVENDRAN

Software Engineer | Flutter · Dart · Firebase · REST APIs · GCP · AWS

Nugegoda, Sri Lanka | +94 77 929 9587 | danuthasan08@gmail.com | linkedin.com/in/danushan-r | github.com/Danushan99

PROFILE

Software Engineer with 3+ years of experience building cross-platform mobile apps with Flutter and Dart, end-to-end from UI to backend integration. Shipped production Flutter apps across HR, fintech, food delivery, and ride-hailing use cases, with hands-on Firebase, REST API integration, and native release pipelines (Codemagic, Android keystore, iOS build settings). Also comfortable writing the backend those apps talk to — Python/Node.js APIs, PostgreSQL, and deployments on GCP and AWS — and working in agile teams.

TECHNICAL SKILLS

Mobile (Flutter): Flutter (Dart) – iOS/Android/Web, state management, Firebase (Auth, Firestore, Cloud Functions), REST API integration, Codemagic CI/CD, Android keystore & iOS release management

Backend: Python (Flask, FastAPI), Node.js, Express.js, REST API design, JWT & OAuth2 (Google, Apple Sign-In), payment gateway integration (PayHere, Stripe)

Databases: PostgreSQL (data modeling, query optimisation), MongoDB (Mongoose), Firebase/Firestore, Redis (caching)

Web: Next.js, React, TypeScript, JavaScript, Tailwind CSS, MUI

Cloud & DevOps: GCP (Cloud Run, Secret Manager, Cloud Functions), AWS, Docker, GitHub Actions, Codemagic

Tools & Practice: Git/GitHub, Postman, Agile/Scrum/Kanban

EXPERIENCE

Software Engineer — Innov8 Fusion Aug 2025 – Present

- Built the Innov8 HRM Staff Flutter app, including GPS-based check-in/check-out logic and integration with backend attendance APIs.
- Configured Flutter release pipelines via Codemagic, including Android keystore management and iOS build settings.
- Scaffolded production-grade REST APIs on GCP Cloud Run backed by PostgreSQL, supporting JWT, Google OAuth, and Apple Sign-In, with secrets managed via GCP Secret Manager.
- Set up a GitHub + GCP CI/CD pipeline with webhook-triggered builds and Cloud Run deployments.

Software Engineer — Yara Technologies (Pvt) Ltd Dec 2024 – Jul 2025

- Delivered YaraPay, a Flutter-based payments portal, with backend services built in Python (FastAPI) and Firebase.
- Designed and secured RESTful APIs; deployed services to AWS and GCP.

Junior Software Engineer — Yara Technologies (Pvt) Ltd Jul 2024 – Dec 2024

- Built Eduloan, a Flutter app connecting schools and banks, backed by a Python/Flask API.
- Integrated Firebase Auth and Google Cloud Functions for real-time data updates.

Trainee Software Engineer — EPIC Technology Group Mar 2022 – Mar 2023

- Built and tested banking features for the CDB mobile app in Flutter.
- Delivered a merchant portal for Bank of Ceylon using React and Node.js.

Freelance Software Engineer — Self-employed Apr 2023 – Present

- Built Philly's Best, a Flutter food-delivery app with a Node.js backend, integrating Stripe payments and a consolidated home-screen API with Redis caching.
- Built BidGo, a Flutter-based ride-hailing app with Firebase Authentication, leading UI development and API integration end-to-end.
- Built Hodiya-backend, a Python/PostgreSQL REST API with JWT authentication, refresh-token rotation, and PayHere payment gateway integration, documented with Swagger/OpenAPI.
- Built a bilingual (Tamil/English) business web app for a gold/pawn shop using Next.js 14 and Supabase, with Google OAuth and customer/transaction management.
- Delivered production apps end-to-end for SMEs using the MERN stack, Flutter, PHP, and Firebase.

RESEARCH PROJECT

AI-Based Learning Experience Enhancer — Final-year Research, SLIIT 2023 – 2024

- Researched facial-expression recognition and age/gender prediction using a trained CNN model.
- Built an emotion-aware login and feedback module for an e-learning platform.
- Stack: Python, Flask API, React, OpenCV, TensorFlow, GitLab.

EDUCATION

BSc (Hons) in Information Technology, Specialising in Software Engineering — Sri Lanka Institute of Information Technology (SLIIT) 2020 – 2024

Relevant coursework: Enterprise Application Development, Secure Software Development, Software Architecture, Database Systems, Cloud Computing, Data Structures & Algorithms