Charan S

Flutter Developer | iOS & Android · Full-Stack · AI-Accelerated Delivery

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PROFESSIONAL SUMMARY

Flutter developer with 2+ years of experience building **cross-platform iOS and Android apps** in Dart with BLoC and Clean Architecture, plus full-stack work in Python/FastAPI, PostgreSQL, and React. Experienced in client work within cross-functional teams and in owning delivery solo: UI design, REST APIs, Firebase, Razorpay/Cashfree/PayU payments, and testing. Introduced Claude Code at Rosemallow, building with Claude Design, Claude Code CLI, agents, and personal Claude Code skills to deliver **in 2–2.5 months what is typically a six-month build**.

EXPERIENCE

Flutter Developer · Rosemallow Technologies Pvt Ltd

Jul 2025 – Present

- As **sole Flutter developer**, designed Oasis (resort booking) with Lovable and Google Stitch, then built every later iOS and Android app faster with Claude Code, using BLoC, Clean Architecture, REST APIs, and Firebase.
- Introduced Claude Code to the 5-person team after proving it within two weeks, then created 20+ personal Claude Code skills for Clean Architecture scaffolding, API integration, and testing to **deliver six-month builds in 2–2.5 months**.
- Developed My Game Booking's customer and venue-operator Flutter apps with a premium Claude Design UI/UX and one checkout across **Cashfree, Razorpay, and PayU that the admin switches without an app update**.
- Built MyInvois SME Booster, a WhatsApp AI chatbot for Malaysia's LHDN e-invoicing mandate, turning a one-line CEO brief into a working product **in one month with Claude Code**.
- Set up **separate dev, QA, staging, and production environments** with Android flavors, iOS schemes, and per-environment Firebase projects, plus queued token refresh and Keychain/Keystore storage.
- Built Haritha By Michael, a client's luxury event-venue booking and management web platform, using FastAPI, PostgreSQL, and React/TypeScript, with role-based access control.
- Wrote the BRDs, PRDs, and API contracts for every product and worked with backend developers on business logic, endpoints, and request/response contracts before implementation.

Junior Flutter Developer · Scode Software Solutions

Jun 2024 – Jun 2025

- Main Flutter developer on CGT Aesthetics, a US client's medical spa booking app built in GetX on the Booker scheduling API, **covering treatment and add-on selection, provider choice, live slot booking, and in-app consent forms with e-signature**.
- Worked on CGT's appointment history and cancellation, guest access, FCM push notifications, Allē and Aspire loyalty rewards, referrals, and gift cards, with secure token storage.
- Led the app build for Advertmingo, a UK client's advertising platform, delivering **the complete Flutter UI and API integrations while guiding an intern** and coordinating with the client's product manager.
- Built UI for Bestkaam, a job-search app (job search with filters, multi-step profile, resume upload, application tracking), and maintained Astrohub (Agora, Razorpay), shipping test builds via Firebase App Distribution and TestFlight.

PROJECTS

My Game Booking · Turf and sports-venue booking platform — In development · store release underway

Rosemallow Technologies · Flutter developer for the player and venue-owner apps

- **Problem:** Players hunt for turfs on Google Maps and phone owners to check slots, while owners take bookings by phone, WhatsApp, and walk-in with no single record, so double-bookings happen.
- **Features:** Map-based turf discovery with filters, live slot availability, 5-minute slot holds, QR check-in, cancellations with refunds, and ratings; owners get a live calendar, walk-ins, and payouts.
- **Engineering:** Handles slot conflicts and interrupted payments, sends push notifications, and keeps sessions secure, with unit, widget, golden, and API-contract tests on OTP, Google, and Apple sign-in.
- **Built with Claude end to end:** Claude for research and the PRD, and Claude Code with personal skills to build both apps and write the automated tests.

Flutter · Dart · BLoC · REST APIs · Firebase · FCM · Google Maps · Cashfree · Razorpay · PayU · Claude Design · Claude Code

MyInvois SME Booster · WhatsApp e-invoicing for Malaysian SMEs — In development · demoed to SMEs

Rosemallow Technologies · developer of the WhatsApp bot and its FastAPI backend

- **Problem:** Filling and validating up to 55 fields per e-invoice on LHDN's MyInvois portal takes about 10 minutes at a desk; the bot cuts that to 1–2 minutes from a phone.
- **Features:** Create, LHDN-validate, and send invoices to buyers in one WhatsApp chat, with saved seller details, QR onboarding, TIN or QR buyer lookup, all 8 document types, and English/Malay support.
- **Engineering:** Signs documents with XAdES, submits them to LHDN idempotently, and polls validation status in background workers, with an LHDN simulator for end-to-end testing.
- **Built with Claude end to end:** Claude for the blueprint and research, Claude Code for the backend and its automated tests, and Claude inside the bot itself to read free-text invoices.

Python · FastAPI · PostgreSQL · WhatsApp Cloud API · LHDN MyInvois API · Anthropic API · Groq · pytest · Claude Code

CineAd · Cloud ad publishing for standalone theatres — Demo-ready MVP

Rosemallow Technologies · sole developer of the kiosk and controller app

- **Problem:** Theatre ads still travel by pen drive, email, and WhatsApp and are loaded by hand at each screen, so a campaign across 100 theatres is hard to update, track, or prove it ran.
- **Features:** One app runs as a theatre kiosk or an operator's remote: the kiosk pairs to its screen with a one-time token and plays ads at showtime; the remote finds it by mDNS to pause, skip, or restart.
- **Engineering:** Runs a WebSocket control server with heartbeats that drop vanished phones, auto-skips a clip that hangs for 6 seconds, and shows a neutral slate on the cinema screen instead of any error.
- **Built with Claude end to end:** Drafted 12 research and design documents with Claude, then built the app in 10 days with Claude Code.

Flutter · Dart · BLoC · get_it · Dio · WebSockets · mDNS · Android · Claude Code

SKILLS

Mobile: Flutter, Dart, BLoC, Clean Architecture, Android, iOS, Dio, go_router, Firebase, FCM, APNs

AI-Native Development: Claude Code CLI (personal skills), agents, Claude Design, Anthropic API, Groq

Backend & Web: Python, FastAPI, PostgreSQL, SQLAlchemy, REST APIs, React, TypeScript

Integrations: Razorpay, Cashfree, PayU, WhatsApp Cloud API, Google Maps, Agora, WebSockets

Testing & Tools: unit, widget, and golden tests, pytest, Postman, Git, GitHub Actions, TestFlight

EDUCATION

B.E. in Computer Science and Engineering · Anna University, Panruti — 2020 – 2024