Aravind M S

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SUMMARY

Flutter developer with about 3.5 years in production, building apps for mobile, tablet and Android TV. Most of my work is on the parts that break in real use: offline sync, real-time data over sockets and WebRTC, and tracking down crashes. I structure modules with Clean Architecture and DDD so they can be changed without touching the rest.

TECHNICAL SKILLS

Mobile: Flutter (Android, iOS, Web, Android TV), Dart
Architecture: Clean Architecture, Domain-Driven Design, MVC, OOP
State management: BLoC, Provider
Networking and real-time: REST APIs, Dio, WebSockets, Socket.io, Pusher, WebRTC
Diagnostics and data: Firebase Crashlytics (custom logging), Firebase, offline/local caching, SQL
Cloud: AWS (maintaining and managing)
Languages: Dart, Python, Java, SQL, HTML, CSS
Tools and process: Git, GitHub, Android Studio, VS Code, Agile

PROFESSIONAL EXPERIENCE

Zaigo Infotech, Chennai, India May 2023 – Present
Junior Software Developer

- Built and shipped 11+ application modules in Flutter, Dart and Python, reusing one codebase across platforms.
- Structured modules around Domain-Driven Design and Clean Architecture so they stay decoupled and easy to test and maintain.
- Maintain and manage AWS alongside the Flutter work.
- Work in an Agile team alongside several functions, turning product roadmaps into working app code.

SELECTED PROJECTS

Fieldy – Field Service Management & CRM Platform | *Flutter, BLoC, Dio, Sockets, Firebase*

- Made the app offline-first: local caching keeps it working without a connection and syncs state with the backend microservices once the device is back online.
- Set up Firebase Crashlytics with custom logging, which caught 99% of edge-case runtime crashes. Added real-time location tracking over Socket.io.
- Automated dispatching, which raised field operational efficiency 20% and cut data entry errors 25%.

Lead Circle – Automated Lead Engagement Dashboard | *Flutter, BLoC, AI integrations, WebSockets*

- Built a real-time lead ingestion view that pulls webhooks from Meta/Facebook Ads, Google Ads and inbound mail into one reactive screen.
- Shipped a no-code visual form builder and asynchronous AI messaging triggers. Sales processing time fell 25% and customer conversion rose 30%.

Build Chatbot – Real-Time Hybrid AI Chat Support | *Flutter, Sockets, WebRTC, Pusher*

- Built an admin live-chat gateway with dual Socket and Pusher integrations so a conversation can hand over between the AI bot and a human agent.
- Cut client response times 40%, with a 35% rise in customer sessions and a 25% lift in retention.

Winpack – Factory Automation & Tracking Ecosystem | *Flutter, Provider, custom state architecture*

- Designed and deployed one app family across mobile, tablet and Android TV to digitalize tracking at a high-volume cardboard manufacturing plant, raising target operational throughput 70%.

EDUCATION

Indira Gandhi National Open University (IGNOU) July 2023 – Present
Bachelor of Computer Applications (BCA), in progress

Chavara Public School, Kerala June 2020 – April 2022
Higher Secondary School Certificate

AWARDS

- Extra Miler Award, Zaigo Infotech – engineering contributions and high-value modules beyond scope.
- Innovator Award, Zaigo Infotech – creative problem-solving and architecture changes under tight timelines.