

# Santanu Mukherjee

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## SUMMARY

Experienced Flutter developer with **4+ years** building scalable, high-performance apps used by over **3M+** users across healthcare, insurance, commerce, and other domains. Skilled in **GetX**, **Bloc**, and **MVVM**, with experience integrating **Firebase**, **REST APIs**, and backend services using **FastAPI**, **AWS**, and **PostgreSQL**. Familiar with **CI/CD** and focused on delivering clean, maintainable, production-ready features.

## TECHNICAL SKILLS

**Languages:** Dart, Kotlin, Java, Python, C, SQL (Postgres), Go

**Frameworks:** Flutter, Android Development, FastAPI, Django

**Developer Tools:** Git, GitHub, GitHub Actions (CI/CD), Firebase, Amazon Web Services (AWS), Amplify

## EXPERIENCE

### Software Engineer

Jun 2022 – Present

*Mantra Labs*

*Kolkata, IN*

- Delivered production-grade Flutter apps using **GetX** and **Bloc (Cubit)** for robust state management and responsive UI.
- Created polished custom UI with **Canvas** and **CustomPaint**, improving visual fidelity and reducing layout bugs.
- Integrated third-party **SDKs** and REST APIs, optimized API usage, and modernized legacy modules for scalability.
- Collaborated with cross-functional teams—backend, design, and QA—to ensure quality releases and mentored junior developers.

#### Key Projects

- Manipal Doctors** — Led Flutter development for Manipal Hospitals; implemented appointment scheduling, secure login, vitals/lab modules, and push notifications to improve doctor–patient workflows.
- SBI General Insurance** — Contributed to the **Health Edge** product; revamped core policy flow, stabilized payments, and added **Firebase Analytics** for user tracking.
- Tekexcelator** — Developed a sales productivity app with punch in/out, barcode scanning, location-based login, and incentive logic built on clean architecture.
- Canara HSBC Life Insurance** — Enhanced claims and policy servicing flows, improved navigation, and strengthened app-level security.

### Android Developer

Aug 2021 – Oct 2021

*Coprotect Ventures*

*Remote*

- Developed an Android social platform for nature enthusiasts using **Kotlin/Java** and **MVVM** architecture to ensure modularity and maintainability.
- Focused on delivering engaging UI/UX and smooth performance across devices.

## INDEPENDENT PROJECTS

### The Laundry Lounge CRM | *FastAPI, PostgreSQL, AWS, Flutter, REST APIs*

[Live Demo](#)

- Developed a full-fledged **Laundry CRM** system with integrated **order, service, and inventory management, invoicing, labeling**, payment, and delivery logistics handling—streamlining end-to-end operations for retail outlets.

### GOG – Gangs of Greenpur | *Flutter, FastAPI, PostgreSQL*

[Play Store](#)

- Full-stack social app with sub-communities, **video streaming**, real-time **WebSocket** updates, and gamified quiz module with live leaderboards.

### Plantonic – Plant Shop App | *Android, FastAPI, PostgreSQL*

[Play Store](#)

- Developed an end-to-end **e-commerce** app with inventory management, admin order dashboard, and secure checkout integration.

## EDUCATION

### Dream Institute of Technology

Kolkata, IN

*Bachelor of Technology - Computer Science and Engineering, GPA - 9.04/10*

*Aug. 2018 – Aug. 2022*