

# KIRTIKANT PATADIYA

## Senior Android & Flutter Developer | IoT, POS, Supabase

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### PROFESSIONAL SUMMARY

Experienced Senior Mobile App Developer with 9+ years of expertise in designing, developing, and deploying cross-platform applications using Flutter, Kotlin, and Java. Proven track record of delivering scalable mobile solutions across domains like IoT, Fintech, POS, and Transportation. Adept in State Management (Riverpod/MVVM), RESTful API integration, and real-time communication (Sockets/MQTT). Strong team leader with hands-on experience in Agile development and end-to-end project ownership

### TECHNICAL SKILLS

- Languages:** Dart, Kotlin, Java
- Frameworks:** Flutter, Jetpack, Android SDK
- Architecture & State Management:** MVVM, MVC, Riverpod, BLoC, Hilt, Dagger 2
- Tools:** Retrofit, OkHttp, Git, Postman, Firebase, Supabase
- Database:** SQLite, Firebase Realtime DB, Firestore
- Authentication:** Firebase Auth, Supabase Auth, OAuth2.0, JWT
- Testing:** Appium, UiAutomator2, Mockito
- CI/CD & DevOps:** GitHub Actions, Firebase Distribution
- Protocols:** MQTT, TCP/IP, WebSocket
- UI/UX:** Material Design 3, Jetpack Compose, Custom Widgets

### PROFESSIONAL EXPERIENCE

#### Senior Mobile Application Developer

Ranpariya The Development Lab LLP – Rajkot | July 2022 – March 2025

- Led the development of multiple production-ready apps in Flutter and Android.
- Integrated Supabase and Firebase for real-time data and auth flows.
- Architected clean MVVM-based codebases with reusable UI components.
- Implemented robust deep linking, secure email/password flows, and biometric auth.
- Enhanced app performance by reducing cold start time by 30% and memory leaks.

### ◇ **Senior Mobile Application Developer**

Grubrrr System India Pvt Ltd, Rajkot | July 2017 – May 2022

- Delivered scalable POS and hospitality apps used by 1000+ restaurants.
- Integrated multiple payment gateways like Bambora, Dejavoo, Card Connect, Converge, Freedompay including Bluetooth & contactless.
- Implemented WebSocket-based real-time communication with Kitchen Display System.
- Mentored a team of 5+ junior developers and conducted peer code reviews.

### ◇ **Mobile Application Developer**

Teksun Microsys Pvt Ltd, Ahmedabad, Gujarat | May 2015 – June 2017

- Developed IoT-integrated Android applications using TCP/IP and Bluetooth.
- Contributed to hardware interfacing apps for boundary scan and device control.
- Gained hands-on experience in socket programming and device testing.



## **PROJECT HIGHLIGHTS**

### **Charge-Net – EV Charging Management App**

- Built using Kotlin + MVVM + Socket Programming.
- Real-time bi-directional communication with chargers using TCP/IP & web-socket
- Synced charging data with cloud dashboard via REST APIs.

### **Use Transit – Transit Fare Management**

- Developed secure Bambora payment gateway integration.
- Features: digital ticketing, NFC tap-to-pay, transaction history.
- Achieved 99% crash-free sessions using Firebase Performance Monitoring.

### **Driver App – Fleet GPS Tracker**

- Real-time route planning using Google Maps SDK & Mapbox.
- Integrated trip analytics and secure login with PIN/biometrics.

## **Point of Sale (POS) for Hospitality**

- Designed a POS system with multiple payment gateway integrations.
- Integrated order management, billing, and thermal printer support.
- Integrated live updates with Kitchen Display Systems over sockets.

## **Boundary Scan (IoT Tool)**

- Developed a secure FTP-based application for IoT and hardware communication.
- Implemented TCP/IP client-server socket programming for data transfer.

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## **EDUCATION**

B.E. in Information Technology

C.U. Shah University – Gujarat | 2013

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## **DECLARATION**

I am seeking a challenging opportunity to contribute as a lead mobile developer using my strong expertise in mobile technologies and system design.