

# ASHUTOSH RANJAN

## SOFTWARE ENGINEER

Noida U.P, India | [ashrun67@gmail.com](mailto:ashrun67@gmail.com) +91 9515876601 | [LinkedIn](#) | [GitHub](#)

### OBJECTIVE

---

Highly motivated and detail-oriented software engineer with 3 years of Android development experience and 1 year in Flutter. Passionate about building scalable, efficient, and user-friendly applications. Seeking a challenging position to utilize my technical expertise for driving innovation and organizational growth.

### PROFILE SUMMARY

---

- Programming Languages: Kotlin, Java, Dart
- Frameworks & Libraries: Hilt, Jetpack Compose, Data Binding, Material Design, Retrofit, Dio-
- Design Patterns: MVVM, Bloc, Clean Architecture
- Tools & Platforms: Android Studio, Visual Studio Code, Firebase, Google Maps API
- Version Control: Git, GitHub
- Databases: Firebase Realtime Database-
- Other Skills: API Integration, Shared Preferences, WebView Flutter

### WORK EXPERIENCE

---

#### MARQUIS TECHNOLOGIES PVT. LTD

Noida, India

##### Roles & Responsibilities

- Spearheaded the End to End full development and debugging of core application modules, adhering to design specifications and ensuring seamless functionality while conducting comprehensive root cause analyses to address defects effectively.
- Ensured adherence to the complete **MVVM** to deliver robust, scalable, and maintainable applications.
- Collaborated in implementing design patterns, optimizing code quality, and resolving technical challenges to enhance project outcomes.
- Applied advanced debugging techniques and systematic testing to identify, analyze, and resolve bugs, ensuring code quality and system reliability.
- Leveraged expertise in cutting-edge technologies such as **Android, Kotlin, Java, Flutter** to develop

#### Marquis Automation Test Tool (Android)

**Project description:** Developed a fully robust end to end Android-based automation testing tool to streamline and optimize the execution of test cases for mobile testing teams. Significantly reducing manual effort and minimizing the risk of human error. Whether you're testing mobile apps and smart watches, this versatile tool provides comprehensive automation capabilities to meet their testing requirements.

**Tech Stack:** MVVM architecture, Hilt for dependency injection, Coroutines and Flow for efficient asynchronous operations, Room for local database management, Google Maps API for real-time route visualization, Glide for optimized image handling, UI Automator for robust UI testing, and CI/CD integration for continuous testing and delivery. Additional tools and frameworks included advanced Android libraries to enhance scalability, maintainability, and performance across mobile devices and wearables.

#### CellNetworkTracker (Android)

**Project description:** - The product offers to capture real time network information of nearest cell tower based on the network provider installed on the mobile devices. We are also offered to plot drive route on Google Map based on network change and signal quality strength and generate the excel report automatically.

**Tech Stack:** MVVM architecture, Kotlin, Hilt for dependency injection, Coroutines and Flow for asynchronous operations, Google Maps API for route visualization, Apache POI for Excel report generation, Room for local data storage, and advanced Android telephony APIs for network information retrieval.

[App Link](#)

### **Marquistech Connect Flutter (Ongoing)**

**Project description:** - Simplify your management tasks with Marquistech Connect, an all-in-one app designed to streamline attendance, inventory, and travel management. Developed using Flutter, Marquistech Connect offers a smooth, cross-platform experience to enhance efficiency and convenience for businesses and individuals alike.

**Tech Stack:** Flutter, Dart, Provider for state management, SQLite for local database integration, REST APIs for backend communication, Firebase for authentication and analytics, and Material Design for consistent UI/UX.

### **Browse Me (Flutter)**

**Project description:** - The product offers internet surfing using Dart Programming language. The application aimed to provide users with a seamless browsing experience by incorporating features such as multiple tab features, cookies feature, and bookmark also provided download feature.

**Tech Stack:** MVVM architecture, Kotlin, Hilt for dependency injection, Coroutines and Flow for asynchronous operations, WebView for rendering web content, Room for local data storage, and Material Design for an intuitive and responsive UI/UX.

[App Link](#)

## **EDUCATION**

---

**GURU NANAK INSTITUTION TECHNICAL CAMPUS**  
***Bachelor of Technology / Computer & Science Engineering (62%)***

Telangana  
August 2015 – July 2019