Ambuj Singh
Android Developer

CONTACT DETAILS

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EDUCATION

Bachelor of Technology (B.Tech.) in Computer Science
Krishna Engineering College, Ghaziabad, Uttar Pradesh | Aug'2022

CORE COMPETENCIES

- **Mobile Application Development**
- **User Experience Design**
- **Cross-Platform Integration**
- **Data Synchronization**
- **Project Management**
- **Cross - Functional Team Collaboration**
- **MVVM Architecture**
- **Google Play Store Deployment**
- **Debugging**

TECHNICAL SKILLS

- **Android Development**: Proficient in Room DB, Jetpack Compose, Offline First Development, Google Maps SDK, Retrofit, Glide, Coil, RxJava, Coroutines, Pagination, USB Serial Communication, Java, Kotlin
- **Design Tools**: Experienced with Illustrator, Figma, & Graphic Design for creating UI/UX assets

JOB OBJECTIVE

Aspire to contribute as an **Android Developer** by crafting cutting-edge applications that cater to multiple sectors.

PROFILE SUMMARY

- Working as **Android Developer** at **ASAKTA**, prioritizing optimal performance and user satisfaction through comprehensive testing and quality assurance practices.
- **Adept at collaborating** in Agile teams, debugging applications, and implementing RESTful APIs to deliver scalable and high-performing solutions.
- Proficient in **designing**, **developing**, and **Optimizing Android applications** using **Java**, **Kotlin**, and modern architectures like **MVVM** and **Clean Architecture**.
- **Hands-on experience** with monitoring tools **(Firebase Analytics, Crashlytics, Dynatrace)** and building Postman collections for streamlined API testing.
- Successfully published a dating app on GitHub, incorporating encrypted messaging and SQLite for secure data storage.
- Delivered critical infrastructure apps such as SurveyLite and GHMC Data Collection, achieving operational efficiency and compliance.
- Hands-on experience in designing, developing, testing, and deploying Android apps for various domains, including government, utilities, and business operations.

WORK EXPERIENCE

ASAKTA | Hyderabad, Telangana | Android Developer | *Jun'2023 – Nov'2024*
Key Result Areas:

- Spearheading the development and maintenance of multiple Android applications tailored for smart metering projects, ensuring that each application meets high standards of reliability and performance.
- Engaging in collaborative efforts with cross-functional teams, including business operations, quality assurance, and data analysts, to deliver user-centric solutions that address specific client needs.
- Mentoring and guiding junior developers, fostering a culture of continuous learning and professional growth within the team, while also enhancing overall project delivery capabilities.
- Conducting thorough testing and debugging of applications to identify and resolve issues, ensuring a seamless user experience and adherence to project timelines.
- Implementing best practices in code quality and application architecture, contributing to the long-term maintainability and scalability of the applications developed.
- Analyzing user feedback and performance metrics to inform iterative improvements and feature enhancements, thereby increasing user engagement and satisfaction.
- Collaborating with stakeholders to define project requirements and deliverables, ensuring alignment with business objectives and user expectations.

KEY PROJECTS:

GHMC BLS Elections Data Collection App | GHMC BLS App

- Developed for the Greater Hyderabad Municipal Corporation to streamline polling station data collection and compliance tracking.
- Integrated modules for capturing facilities data, tracking pending tasks, and managing personnel attendance for improved transparency and efficiency.

Installation & Commission App| Installation & Commission App

- Designed for advanced metering infrastructure to map smart meters with utilities and consumers.
- Enabled secure meter initialization with location data capture and added offline commissioning to ensure functionality in low-network areas.

SurveyLite Apps (SPDCL, EPDCL, CPDCL)
Surveylite CGSIM App
SurveyLite CPDCL App
SurveyLite EPDCL App

- Built apps for DISCOMs to manage surveys and data collection using Google Maps SDK for precise geolocation and visual mapping.
- Implemented geo-fencing, offline-first data storage, and seamless data synchronization across platforms.

Ground Force Management App | GFM App

- Created a field workforce management solution to streamline activities and increase operational efficiency.
- Integrated a module for smart meter data reading via optic cable using USB serial communication.

Assembly Contractor App | Assembly Contractor App Link

- Designed to facilitate smart meter testing and assembly, ensuring quality checks and efficient batch processing.

PERSONAL PROJECTS

Dating App | 2021 - Present

- Designed and developed an Android dating app with features like profile search, lists, and secure, encrypted chat.
- Used SQLite for secure local chat storage and Firebase for user data management and encrypted messaging.
- Published the app source code on GitHub for community access.

Spice Hut Restaurant Website| Sep – Oct'2022 | Spice Hut.

- Built a static promotional website for Spice Hut using React.js and Tailwind CSS.
- Designed the UI in Adobe XD to meet client requirements and implemented a fully responsive interface.
- Monitored performance metrics and provided insights, hosting the site on Firebase.