SPARSH SHARMA

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Summary

Android Developer with 1.4+ years of experience in developing user-friendly and scalable applications. Proficient in Java, Kotlin, RESTful APIs, and AWS services. Demonstrated ability to reduce setup times by 70% and improve application stability by over 60%. Experienced in enhancing UI/UX with Material 3, integrating secure payment systems, and collaborating with cross-functional teams. Currently learning Jetpack Compose, Flutter, and React Native for cross-platform development.

Education

J.C Bose University of Science and Technology, YMCA   **Faridabad, Haryana**
Bachelor in Computer Applications (85%)   *2020-2023*

Experience

Android Developer   **June 2023 - October 2024**
Sukriti Social Private Limited   *Gurugram, Haryana*

- Engineered a Device Management Module, leveraging Android Management API, AWS Lambda, and AWS IoT, reducing manual setup effort by 70%.
- Debugged and stabilized organizational apps, improving reliability by 60%.
- Enhanced user experience by integrating Material 3 design, achieving a 40% usability improvement.
- Developed secure payment solutions using Razorpay, ensuring seamless transactions
- Revamped application performance by implementing clean coding standards in Java and Kotlin, resulting in a decrease of loading times by over 30% across key user interfaces without sacrificing functionality.
- Collaborated with cross-functional teams (embedded and web) for seamless feature integration

Technical Skills

Programming Languages: Java, Kotlin, XML
Frameworks: Android SDK, AndroidX, Jetpack Compose
Backend & APIs: RESTful APIs, Retrofit, Room Database, MySQL, SQLite, OKHttp, Gson, Data Binding
UI/UX: Material Design, ConstraintLayout, RecyclerView, ViewBinding
Cloud Services: AWS (Lambda, IoT, DynamoDB) (familiar)
Architecture Patterns: MVVM, MVP, MVI
Core CS: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming

Projects

Movies App

- Designed a Movie Listing App showcasing popular and upcoming movies, featuring a detailed view with posters, ratings, release dates, and more, with support for light and dark modes.
- Implemented modern Android technologies such as Jetpack Compose, Kotlin, Clean Architecture, MVI design pattern, Dagger Hilt, Retrofit, and Room, optimizing code structure and improving maintainability by 40%.
- Implemented offline capability, ensuring seamless user experience even without internet connectivity, and designed an intuitive, responsive UI for enhanced usability.

Intelligent Query Resolver - AI based conversation & Image generation app

- Created an Android app leveraging Open AI's APIs that enable users to converse and find relevant answers quickly, all at one place
- Provides ability to generate images using Artificial Intelligence based on the prompts
- Skill Used -: Java, Android Studio, User Interface, API, Networking, Image Processing, MVVM

Achievements

- Solved over 200+ data structures and algorithms questions on various coding platforms. (Profile)

Training & Certifications

- Java Programming Masterclass Covering Java 11 & Java 17 ([Certificate](#)) ([Verify Here](#))

- The complete Android 15 course ([Certificate](#)) ([Verify Here](#))