

SHIVANGI JAISWAL

Software Development Engineer 3
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PROFESSIONAL SUMMARY

Android Engineer skilled in Kotlin, Java, and Jetpack Compose. Experienced in scalable app development, clean architecture, and performance optimization. Passionate about mentoring, developer advocacy, and modern Android practices.

TECHNICAL SKILLS

- Programming Languages:** Kotlin, Java, XML, SQLite
- Android Development:** Jetpack Compose, Android SDK, MVVM, LiveData, Coroutines, Data Binding, Room DB, Animations, Push Notifications (FCM), Flow, Material Design, Network Caching, Offline Support, Design Patterns, Dagger/Hilt, Performance Profiling, Android Keystore, Jetpack libraries
- Networking & APIs:** Retrofit, OkHttp, REST API, GraphQL, gRPC
- Tools & Frameworks:** Android Studio, Firebase, Firebase Crashlytics, Umbraco CMS, Pendo Analytics, JIRA
- Architecture & Testing:** Clean Architecture, Modularization, Unit Testing (JUnit, Espresso), TDD, Dependency Injection
- Version Control & Deployment:** Git, Github, Google Play Console, CI/CD Pipelines, Gradle
- Other:** Performance Optimization, Secure App Development, UI/UX Implementation

EXPERIENCE

Suki AI - Software Development Engineer-3

09/2022-Present

An AI-powered, voice-enabled digital assistant for doctors, designed to simplify clinical documentation and reduce administrative workload

- Developed and optimized core Android modules using Kotlin, Java, and Jetpack Compose under MVVM architecture
- Improved app responsiveness and voice interaction speed by optimizing gRPC audio streaming and GraphQL/REST integrations
- Strengthened app security with Android Keystore encryption and biometric authentication
- Implemented CI/CD pipelines using Buildkite, reducing manual release effort and improving deployment reliability
- Managed Play Store releases, streamlined workflows through JIRA, and conducted peer code reviews
- Collaborated with design and QA teams to enhance usability, stability, and overall app performance.

Hummingwave Technologies - Software Development Engineer

09/2020-09/2022

- A technology company specializing in software solutions, delivering scalable solutions across FinTech, education, and retail domains
- Designed and developed 20+ Android applications using Kotlin, MVVM, Room DB, and Retrofit, ensuring clean, modular architecture
- Built and maintained multi-flavor apps (BSBI, UPES, Pearl Academy) from a shared codebase, improving development efficiency by 40%
- Enhanced app performance by optimizing network calls, caching mechanisms, and database operations
- Collaborated directly with clients to define technical requirements, ensuring on-time, quality deliverables
- Resolved production issues proactively and contributed to scalable architecture decisions across teams.

Delhi Metro Rail Corporation Limited (DMRC) - Operations Intern

05/2019-07/2019

ACHIEVEMENTS & RECOGNITIONS

- Winner of Suki Internal Hackathon - People's Choice Award.
- Earned LinkedIn Community Top Voice Badge for expertise in mobile development, software development, and 10+ technical domains.
- UPCST Project Lead: Led a project funded by Uttar Pradesh Council of Science and Technology.
- AICTE Merit Scholarship: Recipient for 4 consecutive years, supporting academic excellence.
- Led Multiple Committees: Served as Technical Secretary (CSA), Joint Secretary (IEEE Student Branch), and Managerial Head (Robotics Club).

EDUCATION

Madan Mohan Malaviya University of Technology

B.Tech (ECE) | **82.2%** | 2016-2020

Maharshi Patanjali Vidya Mandir (C.B.S.E.)

Intermediate | **90%** | 2015

Maharshi Patanjali Vidya Mandir (C.B.S.E.)

High School | CGPA: **10** | 2013

PROJECTS

Suki – Digital Assistant for Doctors ([Suki - Play Store link](#))

2022-Present

- Voice-enabled AI assistant simplifying medical documentation with seamless EHR integration
- Designed Compose-based UI components for voice-driven workflows and real-time transcription
- Implemented an audio streaming client using gRPC and managed session states effectively
- Developed a modular architecture for feature isolation and improved build efficiency
- Automated the app distribution workflow using Buildkite and Firebase, optimizing deployment speed and efficiency.
- Strengthened security by migrating sensitive keys from the codebase to Remote Config, minimizing release dependencies and enhancing flexibility.
- Refined concurrency, caching, and lifecycle management to deliver better app performance

Yamaha LMS – Merchant App ([Genblu Merchant - Play Store link](#))

05/2021-06/2022

- Reward system for Yamaha merchants to manage campaigns and points
- Displayed transaction history, QR scans, and point redemption
- Implemented RBAC, OTP auto-read, and push notifications
- Used ExoPlayer for videos and Picasso for image rendering

Yamaha LMS – Customer App ([Genblu Customer - Play Store link](#))

04/2021-09/2021

- Loyalty app for Yamaha customers to earn and redeem event points
- Developed features for bike registration, fan assignments, and reward redemption workflows, linking to event attendance and incorporated points accrual for member engagement

Quambio ([Quambio - Play Store link](#))

01/2021-03/2021

- Gamified sustainability app that tracks CO₂ reduction through user activities using Strava API integration
- Designed interactive UI with animations and visual variations
- Integrated Strava API for seamless activity synchronization
- Built a background service for live location and activity tracking
- Developed challenges, dashboard, and leaderboard modules
- Managed CO₂ cube tracking and marketplace using Firebase

EDMI Electric Meter Reading App ([EDMI - Play Store link](#))

10/2021-09/2022

- Handheld app for RF-based electric meter readings. Tech: Java, Firebase, RF Communication, IEEE 754, Android SDK
- Managed local database for large-scale meter data storage
- Implemented MVVM architecture with Executors for smooth parallel operations
- Analyzed and integrated RF communication protocols for accurate data reading
- Built tracking modules, activity management, and real-time data processing for field efficiency

Global University Systems Applications ([BSBI - Play Store Link](#))

12/2020-09/2022

- Multi-university applications (BSBI, Pearl Academy, UPES, MUA) for announcements, events, and webinars.
- Tech: Java, Room DB, Umbraco CMS, C#, LiveData, Retrofit
- Developed shared MVVM codebase with flavoring for reuse
- Created C# APIs in Visual Studio linked with Umbraco CMS
- Used Room DB and LiveData for offline data flow

COMMUNITY & CONTRIBUTIONS

- Featured on #TheAndroidShow by Google for Gemini AI insights. - [Link](#)
- Active LinkedIn creator, sharing Android insights with 12K+ followers.
- Published technical articles on Android best practices, Compose, and optimization.
- Mentored junior devs, conducted code reviews, and improved release velocity.
- Beta tester and early feedback provider for Android tools and libraries.