Software Development Engineer 3
Bengaluru, India

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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.

- Kotlin, Java, XML, SQLite
- 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
- Retrofit, OkHttp, REST API, GraphQL, gRPC
- Android Studio, Firebase, Firebase Crashlytics,, Umbraco CMS, Pendo Analytics, JIRA
- Clean Architecture, Modularization, Unit Testing (JUnit, Espresso), TDD, Dependency Injection
- Git, Github, Google Play Console, CI/CD Pipelines, Gradle
- Performance Optimization, Secure App Development, UI/UX Implementation

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.

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.

- Operations Intern   *05/2019-07/2019*

- Winner of Suki Internal   - People's Choice Award.
- Earned   for expertise in mobile development, software development, and 10+ technical domains.
- UPCST Project Lead: Led a project funded by   .
-                             : Recipient for 4 consecutive years, supporting academic excellence.
- Led Multiple Committees: Served as
                             .

Madan Mohan Malaviya University of Technology	B.Tech (ECE)	*2016-2020*
Maharshi Patanjali Vidya Mandir (C.B.S.E.)	Intermediate | % |	*2015*
Maharshi Patanjali Vidya Mandir (C.B.S.E.)	High School | CGPA:	*2013*

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

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

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 - Play Store link
01/2021-03/2021

- Gamified sustainability app that tracks CO_2 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 CO_2 cube tracking and marketplace using Firebase

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

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

- 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.