

PROFESSIONAL SUMMARY

- **Experience:** Experienced Android Engineer with 4 years of expertise in the building of scalable high-performance mobile applications using Kotlin and Jetpack Compose. Strong background in large-scale system design, full SDLC ownership, and cross-functional collaboration. Passionate about clean architecture, automation, and improving developer experience through CI/CD, testing, and code reviews.
- **Responsibilities:** Involved in all phases of the Software Development Life Cycle (SDLC), including requirements gathering, architecture planning, implementation, testing, deployment, and post-release support using Agile methodology.
- **Automation & CI/CD:** Hands-on experience designing and integrating CI/CD pipelines using GitLab, automating build, test, and deployment processes to ensure smooth releases.
- **Device Optimization:** Proficient in optimizing Android applications for a wide range of devices including phones and tablets.
- **Tools & Platforms:** Proficient with tools and platforms including Firebase, GitHub, GitLab, and Emulators for mobile testing and debugging.
- **Testing Methodologies:** Experience with unit testing and UI testing in Android.

EXPERIENCE

QBurst Technologies

Trivandrum, Kerala

Senior Software Engineer

Feb 2025 - Present

- Leading Android development for "Telescope," an internal project listing and resource management platform.
- Refactored and modularized the entire network layer, improving testability and reusability using Dependency Injection (Hilt).
- Actively conducted code reviews and mentored junior developers to ensure code quality, performance, and adherence to style and architecture guidelines.
- Drive architecture discussions and design reviews, ensuring robust, maintainable solutions aligned with product goals.
- Wrote comprehensive unit tests for coroutine based code using Mockito, improving code reliability and reducing regression.
- Collaborated with cross-functional teams to estimate timelines, address blockers, and deliver on key milestones within Agile sprints.

Software Engineer

Aug 2021 - Feb 2025

- Designed and developed enterprise-scale Android applications, including a company-wide internal communications app with thousands of daily users.
- Delivered a real-time bidding e-commerce app, integrating secure payment flows and live data tracking using Web APIs and Firebase.
- Developed a restaurant procurement solution enabling owners to streamline vendor interaction and compare supplier bids — improving procurement efficiency.
- Revamped and modernized legacy codebases with Jetpack Compose, reducing bugs by 80% and improving UI responsiveness.

- Managed the entire Android app lifecycle, including development, internal testing, Google Play Store publishing, and post-release monitoring, utilizing Crashlytics for error tracking and Analytics for performance insights.
- Built robust offline-first features using Room and local caching, optimizing for diverse device conditions and network environments.
- Implemented a CI/CD pipeline in GitLab, automating builds, tests, and release deployments to ensure frequent and stable releases.
- Participated in cross-functional sprint planning with UI/UX and QA to prioritize features, ensure design fidelity, and maintain delivery velocity.
- Utilized Android Architecture Components (MVVM, LiveData) and Clean Architecture principles for scalable, testable, and modular development.

PROGRAMMING SKILLS

- **Languages:** Kotlin, Python
- **Mobile Development:** Android SDK, Jetpack Compose, Clean Architecture, MVVM
- **Tooling & DevOps:** GitLab CI/CD, GitHub, Firebase (Auth, Crashlytics, Analytics)
- **Libraries & Frameworks:** Retrofit, Hilt, Glide, Markwon
- **Testing:** Mockito, JUnit
- **IDE & Platforms:** Android Studio, VS Code, PyCharm, IntelliJ IDEA

EDUCATION

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| • APJ Abdul Kalam Technological University | Trivandrum, Kerala |
| <i>Bachelor of Technology in IT</i> | <i>Aug 2017 – Jul 2021</i> |