

Vinoth Kannan N

Senior Android Developer

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SUMMARY



Experienced **Senior Android Developer** with over 8 years of expertise in building scalable, user-centric mobile applications across **retail, eCommerce** and manufacturing domains. Proficient in **Kotlin, Jetpack Compose, MVVM, Clean Architecture** and modern DevOps practices. Proven track record in delivering high-quality features, modernizing legacy codebases and supporting **multi-country** deployments. Skilled in **CI/CD**, feature flag systems, A/B testing and **GenAI** innovation using the **Gemini** and **OpenAI** SDK. Hands-on experience with **Flutter** and actively exploring Kotlin Multiplatform (KMP) and **Compose Multiplatform**. Recognized for rapid learning, mentoring peers and driving app stability through clean, modular code.

TECHNICAL SKILLS



Languages: Kotlin, Java, Dart

Libraries & Frameworks: Android, KMP, Jetpack Compose, Coroutines, RxJava, Hilt, Flutter

Architecture & Design Patterns: MVVM, MVI, Clean Architecture, MVP, Bloc

Artificial Intelligence & Tools: GenAI, Google Gemini

Testing & Code Quality: Unit Testing, JaCoCo, Mockito, SonarQube, Detekt, PMD

Version Control & CI/CD: Git, Bitbucket, GitLab

WORK EXPERIENCE



Tata Consultancy Services Ltd

Aug 2022 - Present

Senior Android Developer (ALDI International Services SE & Co. oHG)

Chennai, India

- Migrated over **70% of legacy code** from Java to **Kotlin**, boosting maintainability, enabling safer and more efficient development
- Transitioned **10+ screens to Jetpack Compose**, modernizing UI, reducing boilerplate and enabling faster, more consistent design implementation.
- Migrated CI/CD from Bitbucket & Jenkins to **GitLab**, **reducing deployment effort by 40%**.
- **Led accessibility improvements** across the app in alignment with **EAA**, conducting audits, implementing screen reader support and ensuring **WCAG** compliance.
- Implemented **secure data handling** using Encrypted SharedPreferences, secured API keys and file encryption. Integrated **OneTrust** for user consent to ensure GDPR/CCPA compliance.
- **Improved app startup time by 20%** through lazy initialization and optimized initial API calls.
- Developed **30+** impactful features tailored for **six country-specific configurations** with full localization support.
- Used **Firebase Crashlytics** to monitor production stability and prioritized crash fixes; led incident investigations, performing root cause analysis and deployed hotfixes under tight SLAs.
- Provided **team leadership** and guidance to maintaining development flow and timely delivery.
- Received multiple recognitions, including **Top Performer of the year- 2025** and **Star Team Award** for consistent performance and cross-functional collaboration.

Technologies: Kotlin, Jetpack Compose, Java, Retrofit2, Firebase, GitLab, Android Studio, Material Design, RxJava, Coroutines, Clean Architecture, Hilt

Six Sigma Soft Solution Pvt Ltd (Client - TCS)

Jun 2021 - Aug 2022

Android Developer (ALDI International Services SE & Co. oHG)

Chennai, India

- Contributed to the development of the ALDI mobile app as part of a contract team under TCS.

- Delivered **feature demos to cross-functional mobile stakeholders**, boosting user satisfaction and product alignment.
 - Developed 10+ reusable components supporting **six country-specific configurations**, enabling efficient localization.
 - Performed root cause analysis for reported issues, contributing to **improved app stability**
 - Collaborated with UI/UX designers, QA and backend teams for smooth feature rollouts and production support.
 - Maintained up-to-date **technical & functional documentation** to facilitate team knowledge sharing
 - Handled bug fixes and Play Store compliance to maintain release quality.
- Technologies:** Kotlin, Java, Retrofit2, Firebase, Android Studio, Git, JSON/XML, Dagger

NCR Corporation India Pvt. Ltd

Nov 2016 - Jun 2021

Software Developer

Chennai, India

Project Name: Payroll Systems

- Developed a full-featured payroll system to manage employee lifecycle from onboarding to Pay-slip generation.
- **Managed versioning and releases** on the Google Play Store.
- Integrated biometric attendance by automatically syncing data from the central server.
- **Built core modules** including Leave Management, Attendance Tracking and Payslip preparation.
- Developed **role-specific features** for Employees, Supervisors and Managers.
- Ensured smooth data flow and real-time updates using Retrofit2, Firebase and JSON APIs.

Technologies: Java, XML, JSON, Retrofit2, Firebase, Android Studio, Spring boot, SQL, MSSQL

Project Name: Integrated Manufacturing Management System

- Led the **end-to-end design and development** of the IMMS, covering manufacturing, logistics and quality control modules.
- Built Android modules for **real-time tracking, status monitoring, automated emails and push notifications** using Java, Retrofit2 and Firebase.
- Integrated **torque tester devices & vision sensors** with desktop client to prevent manual errors and ensure accurate data capture.
- Developed **interactive dashboards and charts** using FusionCharts.
- Architected modular systems for **raw material tracking, production efficiency, dispatch automation and Annexure III compliance**.
- Managed complete **database schema design**, business logic implementation and front-end development.

Technologies: Android, Java, Retrofit2, Firebase, XML, JSON, PHP, C#, Visual Studio, FusionCharts, HTML, CSS, JavaScript, Bootstrap

EDUCATION



Bachelor of Engineering in Electronics and Communication

Jansons Institute of technology

Jun-2012- Apr-2016

Coimbatore, India

CERTIFICATION



- Android Architecture Masterclass - Udemy – 2023
- Android MVI with Jetpack compose - Udemy – 2025
- Professional Scrum Master™ II (PSM II) - Scrum.org, 2025