

KAVIN SAMIYAPPAN

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SUMMARY

Android Engineer and Module Owner at Zoho with 3+ years building high-scale POS applications. Own end-to-end product delivery, architecture, and roadmap for Restaurant POS. Self-driven initiatives: improved Play Store rating from 3.9 to 4.3, reduced CI/CD build time by 90%, and eliminated memory leaks through architectural overhaul. Track record of identifying problems, proposing solutions, and shipping independently.

TECHNICAL SKILLS

Android: Kotlin, Java, Jetpack Compose, Activity, Services, Intent, BroadcastReceiver, ContentProvider

Architecture: CLEAN Architecture, MVVM, MVI, Multi-module, Hilt/Dagger, Navigation Component, Room, Realm

Performance: Memory Optimization, Battery Optimization, Profiling, EWMA-based Analytics, CI/CD Optimization

Integration: REST APIs, Firebase, AWS, CameraX, Payment Gateways, Git Submodules

EXPERIENCE

Member Technical Staff — Module Owner, Restaurant POS

Jun 2022 – Present

Zoho Corporation, Chennai (joined via Gofrugal Technologies acquisition)

- **Own end-to-end product quality, architecture, and delivery** for Restaurant POS — responsible for technical roadmap, code reviews, and release management
- Founding engineer of restaurant billing app — grew from IC to module owner through consistent delivery and technical leadership
- **Self-initiated In-App Rating system** — owned PM and engineering; designed non-intrusive UX with EWMA algorithm for optimal trigger timing; improved Play Store rating from 3.9 → 4.3
- **Self-initiated Hilt DI migration** — replaced singleton pattern across modules, eliminating 100% of memory leaks and improving testability
- **Self-initiated Git Submodules architecture** — unified 5+ external dependencies, reduced CI/CD build time by 90%, eliminated version conflicts
- **Self-initiated Jetpack Compose adoption** — first engineer to champion Compose; built design system and component library now used as team standard for all new feature development
- Architected core POS features (Ordering, Invoicing, Transactions, Dynamic QR Payments) using CLEAN architecture with MVI/MVVM patterns
- Migrated legacy barcode scanner to CameraX API, improving scan reliability and reducing ANRs
- Architected plugin-based module system enabling 3 apps to share common components, reducing code duplication by 40%
- Mentor junior engineers on architecture patterns, code quality, and Android best practices

Software Engineer Intern

Jun 2021 – Jun 2022

Gofrugal Technologies, Chennai

- Optimized API response parsing, reducing load time by 70%
- Built responsive layouts ensuring consistent UX across phone and tablet configurations

PROJECTS

superwrite.app — Independently built and shipped a writing productivity tool (live in production)

EDUCATION

B.E. Computer Science

2018 – 2022