

Gulshan Kumar

Lead Android Engineer · Android & React Native · 9+ Years

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CORE SKILLS

Android

Kotlin / Java
Jetpack Compose & XML
MVVM · MVI · Clean Arch
Modularization
Coroutines · Flow
Hilt / Dagger (DI)
Performance Profiling
Unit, UI & Integration Testing

Cross-Platform

React Native
Roku (BrightScript)

Architecture & Design

System Design (Mobile-first)
API Contract Design
Dynamic Link Systems
Offline-first Strategies
Security · Encryption

AI / ML

Gemini API · LLM Integration
ML Kit · TFLite

DevOps & Tooling

CI/CD (GitHub Actions, Bitrise)
Git

EDUCATION

B.Tech – Computer Science

Kurukshetra University · 2015

Diploma – Computer Science

Tilak Maharashtra Vidyapeeth · 2011

CERTIFICATIONS

HCL Certified – Android

HCL Learning Ltd.

AMCAT Certified SE

AMCAT, Delhi

NOTABLE APPS

Chopt Creative Salad (Android)
Albertsons / Safeway (Android)
First Republic Bank (Android)
HOAG Compass (React Native)

LANGUAGES

English · Hindi

PROFESSIONAL SUMMARY

Lead Android Engineer with 9+ years designing, scaling, and owning end-to-end Android platforms for high-traffic consumer apps across fintech, e-commerce, and healthcare. Proven track record establishing architecture standards (Clean Architecture / MVI / Compose), driving modularization, mentoring engineers, and delivering measurable improvements in stability and developer velocity. Cross-platform breadth in React Native and Roku. Actively integrating AI capabilities — Gemini API, ML Kit, on-device inference — into production Android architecture.

EXPERIENCE

Mobile Tech Lead / Lead Software Engineer Oct 2023 – Jan 2026

Code and Theory · Bangalore

- Defined end-to-end Android architecture for a high-traffic consumer app using Jetpack Compose with MVI — reducing UI bug rate by ~30%.
- Designed scalable multi-module architecture cutting clean build times by 40%, enabling parallel delivery across 6+ feature modules.
- Built in-house production-ready app template adopted org-wide, eliminating ~2 weeks of boilerplate setup per project.
- Engineered custom deep-link system replacing Firebase Dynamic Links, reducing cold-start link resolution latency by 50%.
- Mentored 4 engineers through code reviews, architecture walkthroughs, and pairing sessions.
- Owned release pipeline — crash-free rate maintained above 99.5% across all production releases.

Senior Software Engineer – Android Oct 2020 – Oct 2023

Y Media Labs · Bangalore

- Contributed across Android, React Native, and Roku for large-scale consumer and finance apps (Albertsons, First Republic Bank, HOAG Compass — React Native).
- Co-designed shared component libraries and SDK-level core architecture consumed by multiple app squads.
- Implemented data encryption and security hardening for a banking app — PCI-DSS compliant.
- Reduced app startup time by 25% via lazy initialization, baseline profiles, and R8/ProGuard optimization.

Software Engineer – Android Jun 2018 – Jul 2020

Easoftech Solutions · Bangalore

- Developed core features for finance applications with strong focus on data encryption and MVVM patterns.
- Established code-quality standards (lint rules, Detekt), reducing tech-debt backlog by 35% over 18 months.

Android Developer Mar 2017 – Sep 2017

Xicom Technologies · Chandigarh

- Delivered live chat and shopping application features — introduced MVP architecture to an unstructured codebase.

Software Engineer Nov 2015 – Mar 2017

Daksha Web Technology · Chandigarh

- Defined initial app architecture, implemented Material Design guidelines, shipped core product features from scratch.

KEY ARCHITECTURAL CONTRIBUTIONS

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| ♦ Multi-module Clean Architecture | ♦ Compose-first UI Architecture |
| ♦ Custom Dynamic Link Engine | ♦ Production App Template (org-wide) |
| ♦ Cross-platform (Android + RN + Roku) | ♦ CI/CD & Release Automation |
| ♦ Gemini API / LLM Integration | ♦ On-device ML (ML Kit + TFLite) |