

Bajirao Sharadrao Shinde

Senior Android Engineer • Kotlin • Jetpack Compose • Clean Architecture • AI-Enabled Mobile Experiences
Bangalore, India | +91 8446686686 | baji.shinde17@gmail.com | Portfolio | LinkedIn | GitHub

SUMMARY

Senior Android Engineer with **10+** years of experience delivering enterprise Android applications using **Kotlin, Jetpack Compose**, Clean Architecture, and Kotlin Multiplatform (**KMP**). Strong expertise in scalable architecture, modularization, and performance optimization. Proven leadership in managing Android teams of 10+ engineers and driving engineering excellence across **automotive, banking, insurance**, e-commerce, healthcare, and **financial services**, delivering user-centric applications.

TECHNICAL SKILLS

Languages: Kotlin (7+), Java, Python

Architectures: MVI, MVVM, Clean Architecture, MVP, MVC, Modularization, SOLID Principles, Design Patterns

Frameworks: Jetpack Compose (3+), Hilt, Koin, Coroutines, Kotlin Flow, Jetpack Components, Kotlin Multiplatform (KMP)

Testing: MockK, JUnit, Espresso, Mockito, Robolectric, Compose UI Testing

Networking: Retrofit, OkHttp, REST APIs, GraphQL, MQTT

CI/CD: Jenkins, TeamCity, GitHub Actions

Tools: Android Studio, Gradle, Git, Jenkins, SonarQube, Zeplin, Figma, JIRA, VersionOne, Confluence, Firebase Console

Other Technologies: Bluetooth, Google Maps API, Payment Gateways, Firebase Cloud Messaging, Analytics, Deep Linking

Methodologies: Agile, Scrum, Kanban, TDD, BDD

Code Optimization Tools: ProGuard, R8, Detekt, Ktlint, LeakCanary, Android Profiler

AI & Productivity Tools: GitHub Copilot, Cursor, Claude, Google Gemini, Codex, AI-assisted Development Workflows

PROFESSIONAL EXPERIENCE

Technical Lead | Wipro Limited

Bangalore, Karnataka | March 2022 – June 2026

- Led and mentored a team of 10+ Android engineers, driving adoption of Clean Architecture, MVVM/MVI, SOLID principles, and engineering best practices
- Architected scalable multi-module Android platform for SpaceApp (Stellantis) using Kotlin, Jetpack Compose, Coroutines, and MQTT, enabling extensible automotive experiences across 14+ vehicle brands
- Improved unit and integration test coverage by 40%+ using JUnit, MockK, and Espresso, significantly reducing production defects and improving release stability
- Established automated CI/CD pipelines (SonarQube, Detekt, Ktlint) reducing code review effort by 25%
- Designed offline-capable mobile systems leveraging Android Profiler, LeakCanary, Crashlytics, and Analytics, improving app stability by 30% and achieving 98.9% crash-free rate

Technology Lead | Infosys Limited

Pune, Maharashtra | May 2018 – Feb 2022

- Delivered enterprise Android applications serving millions of users across insurance and banking domains, maintaining 99.9% production availability
- Designed scalable Android systems using Kotlin, Java, MVVM, MVP, Dependency Injection (Hilt), Coroutines, and modern Android Jetpack components
- Built secure REST API integrations using Retrofit and OkHttp, implementing authentication, encrypted local storage, and banking-grade backend communication
- Improved application performance by ~30% using LeakCanary, Android Profiler, R8, and ProGuard, optimizing startup time and memory usage
- Led Agile delivery including sprint planning, retrospectives, code reviews, mentoring, and cross-functional collaboration improving sprint predictability by 20% and reducing delivery bottlenecks

Android Developer | Sphinx Software Solution Pvt Ltd.

Pune, Maharashtra | June 2015 – April 2018

- Developed and maintained Android applications using Java, Kotlin, and Android SDK across multiple business domains
- Built responsive UI using XML, ConstraintLayout, and Material Design, ensuring compatibility across Android devices
- Integrated REST APIs, Firebase, Google Maps API, and push notifications for real-time mobile experiences
- Implemented local storage, networking, and performance optimization for scalable application delivery
- Participated in full SDLC collaborating with QA, backend, and product teams to deliver production-ready applications

PROJECTS

Project I : **SpaceApp (Stellantis, Italy) | Automotive**

Role : Tech Lead

Tech Stack : Kotlin, Jetpack Compose, MVVM, Clean Architecture, Hilt, Coroutines, Kotlin Flow, Retrofit, MQTT, Google Maps API, Room, WorkManager, Jenkins, SonarQube

- Built multi-brand automotive super-app replacing legacy systems across 14+ vehicle brands including **Peugeot, Jeep, Fiat, Maserati, Chrysler, and Alfa Romeo**, improving platform scalability and maintainability
- Engineered remote vehicle control, connected-car services, and Digital Glovebox features using MQTT and background task orchestration
- Led modular architecture and scalable platform design enabling parallel development, improved maintainability, and future-ready connected vehicle experiences

Link : <https://play.google.com/store/apps/details?id=com.fca.myconnect.iap>

Project II : **U.S. Bank Mobile Banking (U.S. Bank, USA) | Banking**

Role : Lead Android Engineer

Tech Stack : Kotlin, MVVM, Hilt, Retrofit, Coroutines, Room, Navigation Component, Firebase, JUnit, MockK, Espresso

- Developed enterprise-grade mobile banking platform handling millions of transactions across account management, credit card services, bill payments, and digital banking workflows
- Architected scalable offline-first multi-module Android system using Jetpack Compose, MVI, and Clean Architecture, improving maintainability and feature scalability
- Explored AI-assisted capabilities including smart transaction categorisation, financial insights, and conversational banking workflows using API-driven mobile architecture.

Link : <https://play.google.com/store/apps/details?id=com.usbank.mobilebanking>

Project III : **Allstate OneApp (Allstate, USA) | Insurance**

Role : Team Lead

Tech Stack : Kotlin, MVVM, Hilt, Retrofit, Coroutines, Room, Navigation Component, Firebase, JUnit, MockK, Espresso

- Delivered insurance features including claims, payments, roadside assistance, and digital ID cards for millions of users
- Implemented telematics-driven insights using Location Services, sensor-based analytics, and intelligent workflow integrations
- Reduced regression defects by 35%+ using BDD practices, automation testing, and improved release quality processes

Link : <https://play.google.com/store/apps/details?id=com.allstate.view>

Project IV : **SunTrust Business Mobile App (SunTrust Banks, USA) | Banking**

Role : Senior Android Developer

Tech Stack : Java, Kotlin, MVP, Retrofit, REST APIs, SQLite, Firebase, Google Maps API

- Developed secure banking features including transactions, payments, account management, and financial workflows
- Implemented secure RESTful API integrations with authentication, session management, and encrypted local storage
- Built ATM/branch locator using Google Maps API and real-time notifications using Firebase Cloud Messaging (FCM)

Link : <https://play.google.com/store/apps/details?id=com.suntrust.ocmmobile.phone>

EDUCATION

Bachelor of Engineering in Information Technology

University of Pune | 2014

First Class - 62.06%

KEY ACHIEVEMENTS & AWARDS

- **Wipro Unit Award (Jan 2025)**: Honoured for driving the Navigation team to milestone delivery with strong defect triaging and team leadership.
- **Allstar Elite Award - Delivery Excellence**, Allstate AHM (Dec 2020): For outstanding team performance in mobile delivery excellence.
- **Infosys Insta Award (May & August 2021)**: Recognised for exemplary contributions to the Allstate OneApp project and pivotal role in the Android Scrum team.

ADDITIONAL

LANGUAGES: English, Hindi, Marathi

CERTIFICATIONS: Android Application Development Certification, Diploma In Java Technology.

INTERESTS: Hiking, Reading Tech Blogs, Open Source Contribution, AI & Emerging Technologies, Mobile System Design