AKSHIT VERMA

Mobile Engineer | Android (Kotlin, Jetpack Compose) | Flutter | iOS (Swift, UIKit)
Gurugram, India | +91 6397532996 | akshitverma8191@gmail.com
linkedin.com/in/akshit-verma-554083170

SUMMARY

Mobile engineer with 4+ years of experience building and shipping production apps across Android (Kotlin, Jetpack Compose), Flutter (Dart) and native iOS (Swift, UIKit). Delivered consumer apps with 200,000+ downloads, raised an iOS app's crash-free rate from 68% to 96%, and built Android BLE/USB SDKs for IoT devices. Strong in mobile architecture, REST API integration and migration, third-party SDKs, CI/CD, and AI-assisted engineering, including agentic development workflows and AI skill development.

SKILLS

Android: Kotlin, Jetpack Compose, Android SDK, Native BLE and USB SDK Development, True-Caller SDK (Kotlin)

Flutter: Flutter, Dart, BLoC State Management, Redux, Cross-Platform Development (Android and iOS)

iOS: Swift, UIKit, SwiftUI, Native iOS Development, IoT Device Integration

Architecture: Clean Architecture, Modular Design, REST API Integration, Server-Driven UI (SDUI), Dynamic Layout System, Scalable Mobile Architecture Design

Delivery & Tooling: Git & GitHub, CI/CD Pipelines, Build Automation, Release Management, Firebase, Razorpay, Third-Party SDK Integration

AI: Agentic AI, AI Skill Development, AI-Assisted Development, Vertex AI

WORK EXPERIENCE

Software Development Engineer 2 | WIOM, Gurugram

Sep 2025 - Present

- Led full-lifecycle delivery of multiple mobile platform initiatives, from solution design and implementation to testing and release management.
- Architected scalable apps using Clean Architecture, BLoC state management and modular design, improving maintainability, testability and long-term scalability.
- Standardized development infrastructure (networking, build automation pipelines, debugging frameworks, developer tools), reducing development effort, release turnaround time and troubleshooting complexity.
- Executed large-scale service and API migrations across partner ecosystems, integrating with legacy and modern backends and achieving zero-regression releases.
- Delivered business-critical features for partner, customer and operations workflows, including lead management, capacity planning, automation and notifications.
- Resolved critical production issues and strengthened platform observability; built automation solutions that reduced manual operational effort.
- Pioneered AI-assisted development workflows with structured architecture context and coding standards, accelerating delivery and improving code quality.

Android Developer | BatterySmart, Gurugram

Mar 2025 - Aug 2025

- Designed Server-Driven UI (SDUI) and Dynamic Layout System (DLS) modules in Jetpack Compose, speeding up UI development and keeping design consistent across Android apps.
- Built a native Kotlin BLE SDK to communicate with BMS IoT devices over CAN frames, enabling device management and over-the-air firmware updates (FOTA).
- Engineered a USB SDK for direct CAN frame communication over COM ports, removing middleware dependency and simplifying IoT device connectivity.
- Delivered the B2C BatterySmart app in Flutter with onboarding, KYC verification, Razorpay payments and BLE-based battery operation for E-Rickshaw drivers.

Senior Software Development Engineer | HexaHealth, Gurugram

Mar 2023 - Feb 2025

- Led ground-up development of the HEXAHEALTH B2C app for Android and iOS in Flutter 3.0, owning the full lifecycle; reached 200,000+ downloads.
- Increased active doctor engagement by 80% by integrating an Uber-connected cab booking system.
- Boosted login conversion by 72% by integrating True-Caller SDK 3.0 with native Kotlin support.
- Built an AI chatbot on Vertex AI, fine-tuned on proprietary company data.
- Delivered the Community feature (BLoC with event bus, expert replies, content caching), 'Hexabytes' video/podcast streaming, and SDUI-driven pre/post-op recovery journeys.
- Built Razorpay-based payment collection in the operations application.

Software Development Engineer | ZunPulse, Gurugram

May 2022 - Feb 2023

- Raised the native iOS app's crash-free user rate from 68% to 96% through targeted optimizations and bug fixes.
- Built the ZUNPULSE B2C app for Android and iOS in Flutter 2.0 with Redux, including native iOS screens in Swift 5 and UIKit.
- Integrated smart security IoT devices (cameras, doorbells, smart locks) into the native iOS application.
- Created the 'One-Stop Room' feature for single-tap control of 50+ smart IoT devices.

EDUCATION

B.Tech in Computer Science & Engineering | Bundelkhand Institute of Engineering & Technology, Jhansi | 2022

- First Division with Distinction (77%).
- Led a team to the Grand Finale of Smart India Hackathon 2020, building a solution for a Ministry of Jal Shakti problem statement (PG179).

LANGUAGES

English, Hindi