

# Hiresh Pillay

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Senior Software Engineer with 6+ years of experience building scalable consumer products across Android (Kotlin, Jetpack Compose, KMM), iOS, and backend services. Proven expertise in SDK development, microservices architecture, and AWS-based infrastructure.

## EXPERIENCE

### UBER (VIA CAREEM) | SENIOR SOFTWARE ENGINEER - I

July 2025 - Present | Dubai, UAE | Remote

- Working in the Engineering Platform's Team

### SLEEP ALORA | SDE - III

Jan 2023 - June 2025 | Delhi, IN | Post Acquisition

- Architected the Android application using Jetpack Compose, Kotlin Multiplatform Mobile (KMM), and modular SDKs—optimized for scalability, performance, and maintainability at **100,000+ DAU scale**.
- Led end-to-end engineering across Android, iOS, Web, and Backend; **hired and mentored a cross-functional team of 5 engineers** and collaborated closely with Product and Design to ship high-impact features biweekly.
- Migrated Android codebase to **KMP**, improving cross-platform code reuse by **60%** and reducing feature delivery time by **40%**.
- Built production-grade **Android SDKs** for ad mediation (AdMob, IronSource), Google Play Billing V6 and a custom networking stack, adopted by 3+ partner apps for monetization and analytics.
- Developed Android-integrated A/B testing platform; powered **300+ experiments** with real-time targeting, grouped variants, and localization support for multilingual markets.

### GOJEK | ANDROID ENGINEER - L2

June 2022 - Jan 2023 | Bangalore, IN | Product based company

- Championed Kotlin Multiplatform Mobile (KMM) adoption within the DevX team; enabled **70% shared code reuse** across Android and iOS, accelerating cross-platform delivery.
- Led low-level performance R&D; optimized threading and initialization paths, resulting in a **20% reduction in app startup time**.
- Built a real-time crash and performance monitoring dashboard using Elasticsearch and Kibana; **accelerated crash detection by 60%** and significantly improved incident response SLAs.

### SLEEP ALORA | SDE-I + FOUNDING MEMBER (TECH)

Jan 2020 - May 2022 | Remote | Acquired by EssentiallySports.com

- Architected and launched the Sleep Alora Android app from scratch, scaling it from 500 to **100,000+ DAUs** with a **99.92% crash-free** rate.
- Built unit and Espresso test suites in CI/CD; ensured 85%+ coverage with test-driven development.
- Integrated AppsFlyer and Firebase Performance Monitoring for analytics, crash tracking, and product insights.
- Practiced Agile rituals using Slack, Figma, and Zoom; delivered consistent Play Store releases on a weekly cadence.

### MULTIPLE COMPANIES | CONSULTANT

June 2019 - Jan 2020 | Remote

- Contributed to high-scale mobile apps collectively exceeding **20M+ downloads**, delivering performance and UX enhancements.
- Completed 10+ freelance projects via Fiverr and Upwork with 5-star ratings, focusing on rapid MVP development and legacy code refactors.

## PROJECTS

Sleep Alora: Link

[KMP, Ktor, AWS, MongoDB]

Zudo: Link

[CMP]

OTPx: Link

[Side Project: CMP & KMP, NodeJs, AWS, MongoDB]

## SKILLS

### PROGRAMMING

Experienced:

Kotlin, NodeJs, Java

Frameworks:

KMM, Ktor, Javascript, Typescript,

Familiar:

Flutter, Python, Swift, SwiftUI,

gRPC/GraphQL

### ANDROID

Android Studio, Room, Koin, Hilt, MVVM, Jetpack Compose, ViewModels, Lottie, UI/UX Design, Motion Layout, Retrofit, Dagger2, RxJava, JetPack Components, Navigation Component, REST API, Testing, Unit Testing, Kotlin Coroutines, AppsFlyer, Picasso, CardIO, Moshi, Okhttp, Mapbox, Google Firebase (FCM, Remote Configuration, Analytics, Crashlytics, etc.)

### BACKEND

OAuth, MongoDB, RDBMS, Postgres, PubSub, CronJob, Kafka

### MISCELLANEOUS

Amazon Web Services (AWS: IAM, EC2, EKS, S3, Select, Athena, CLI), Git, CI/CD Pipeline, Bitrise, Docker, Kubernetes, GitHub, GitLab, Figma, Zeplin

## EDUCATION

### SAVITRIBAI PHULE PUNE UNIVERSITY

B-TECH IN COMPUTER SCIENCE

### PIMPRI CHINCHWAD POLYTECHNIC

DIPLOMA IN COMPUTER ENGINEERING

CGPA: 9.52 / 10