ABHISHEK PANDEY

Full Stack Mobile Developer | Android + Backend + AWS

Mumbai, Maharashtra, India

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SUMMARY

Android Engineer with **hands-on experience** in building high-performance, scalable, and resilient mobile applications using **Kotlin, Android SDK, Jetpack Components, Retrofit, Coroutines, AWS, and Spring Boot.** Proven ability to optimize app performance, enhance stability, improve architecture, and scale frameworks used across teams. **Experienced in distributed systems, REST APIs, cloud/server integration, and end-to-end mobile feature ownership.** Adept at delivering immersive viewer experiences and optimizing UI performance.

EXPERIENCE

PERCIPERE | Kotlin, Spring Boot, Android SDK, AWS (EC2, RDS, Route 53), Azure DevOps   **Oct 2024 - Present**

– Engineered and deployed **12+ scalable Android applications** using Kotlin, MVVM, Retrofit, and Coroutines, resulting in a **20% performance improvement** and significantly **enhanced application stability.**
– Architected and developed **secure Spring Boot REST APIs**, forming the core backend for mobile applications and ensuring robust client-server communication.
– Managed full AWS infrastructure lifecycle: provisioned **EC2 instances**, configured **Load Balancers Security Groups**, set up **RDS databases**, and managed DNS **with Route 53.**
– **Established end-to-end CI/CD pipelines on AWS** and Azure, **slashing deployment times by 40%** and enabling zero-downtime releases.
– Implemented **Navigation Graph** for all in-app navigation, ensuring type-safe data transfer and **reducing navigation-related bugs by 35%.**
– **Managed backend deployment and server administration via SSH**, ensuring secure and efficient service updates.

Java Spring Boot Intern | SIBIC   **Feb 2024 – Aug 2024**

– Optimized Java code, database queries, and infrastructure, boosting **backend API performance by 30% and reducing server load by 15%** for high-traffic scenarios.
– Partnered with **frontend development teams to streamline data exchange** processes, improving overall **system efficiency by 20%.**

Android Development Intern | GOOGLE   **Aug 2022 – Sep 2022**

– Developed a **"Nearby Business" application**, using advanced geolocation APIs, increasing **search accuracy by 40%.**
– Designed and implemented an intuitive UI following Material Design guidelines, **leading to a 30% increase in user engagement.**

PROJECTS

Social Media - Core Video Experience Module | JKotlin, Jetpack Compose, ExoPlayer   **(Academic Project) 2023 – 2024**

– Spearheaded development of the foundational **video playback engine using ExoPlayer**, **implementing adaptive bitrate streaming**, custom UI controls, and **background audio playback** for the app's core viewing experience.
– Designed and built an immersive, **gesture-driven media gallery utilizing ViewPager2** with efficient fragment state management and image preloading, achieving **seamless 60fps navigation during internal QA testing**.
– **Integrated CameraX** to develop an **in-app video capture feature** for user-generated content, handling camera initialization, video recording, and preview surfaces, which **reduced** device-specific compatibility **issues by 75%** in the staging environment.

CORE TECHNICAL SKILLS

Languages: Java, Kotlin, Swift, XML, JSON, SQL
Frameworks & Tools: Android SDK, Android Studio, Spring Boot, Retrofit, Coroutines, Gradle, Navigation Graph, JUnit
Cloud & DevOps: AWS (EC2, S3, IAM, CI/CD), Google Cloud Platform
Databases: Firebase, MySQL, SQLite
Architecture & Patterns: MVVM, MVC, Clean Architecture, OOP, SOLID Principles

CERTIFICATIONS

• Mobile Development - Great Learning   • OOPs in Java - Great Learning   • Java Programming - Great Learning

• Data Structure in Java - Great Learning   • Data Science Foundations - Great Learning   • Git and GitHub - Great Learning

EDUCATION

Dr.JJ Magdum College of Engineering   **Jan 2020 – May 2024**
B.Tech - Computer Science and Engineering - CGPA - 8.54   *Kolhapur, India*