Mohammad Zaid Aziz

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EDUCATION

Madan Mohan Malviya University of Technology | Gorakhpur, Uttar Pradesh

- B.Tech in Computer Science and Engineering | *CGPA:* 7.57/10.0   *2021-2025*

GN National Public School

- AISSCE (Class 12) Aggregate: *90.6%*   *2018 - 2020*

EXPERIENCE

Android Developer Intern   **Branch International**   (Full Time) *Jan 2025 - Present*

- Collaborated with the Android team to design, develop, and maintain features for a production-grade application with over 50 million users, utilizing Kotlin and Jetpack Compose.
- Implemented new features and refined existing ones, leading to a 25% increase in developer velocity through the creation of reusable UI components.
- Built an in-house custom BugSnag Http request logger to link client-side issues with backend logs.
- Performed bug fixes, wrote clean, maintainable code, and actively participated in code reviews to uphold high-quality standards.
- Contributed to a 16% reduction in CI/CD pipeline time through strategic pipeline optimizations.
- Instrumented screen render metrics to identify and resolve UI bottlenecks, improving user experience.

Android Developer   **Clickretina**   (Full Time) *May 2024 - Sep 2024*

- Maintained and enhanced an application with over 1 million downloads using Kotlin, Jetpack Compose, and the MVVM architecture.
- Reduced application load time by 40% through the implementation of intelligent caching and background task optimization.
- Followed SOLID principles and implemented dependency injection for cleaner architecture.
- Led cost-optimization of backend, migrating from AWS to Vultr Cloud, reducing operational costs by 30%.

Android Developer   **Divergent European**   (Part Time) *Sep 2024 - Jan 2025*

- Refactored legacy Java code to Kotlin, improving code quality and stability.
- Delivered new features in collaboration with designers and product managers.
- Introduced coroutines and parallel threading to optimize performance.

SKILLS

Programming Languages: Kotlin, Java, JavaScript

Android: Jetpack Compose, Android Jetpack (ViewModel, LiveData, Room, WorkManager, Navigation, DataStore), MVVM architecture, Firebase, Coroutines, KMP

Web & Backend: Node.js, Nest.js, MongoDB, MySql, PostgreSQL, React (Next.js), RESTful API Design, WebSockets, Spring Boot

Cloud & DevOps: Google Cloud Platform (GCP), AWS, Vultr, DigitalOcean

Tools & Technologies: Git/Github, Github actions (CI/CD), Gradle, Figma

PROJECTS

Kagzen

Tech: Android (Jetpack Compose), Firebase, Nodejs, ML Kit, WorkManager, OAuth, Github Actions (CI/CD), Gradle, Nest.js

- Architected and developed a full-stack mobile application, including a scalable backend with Nest.js and an Android client using Jetpack Compose.
- Engineered an end-to-end encrypted chat system, building both the server infrastructure and the Android client.
- Implemented automated CI/CD pipelines for testing, deployment, and documentation updates

TENTLERS Github Link   *June 2021 - Jan 2022*

Tech: Android, Java (primary), Kotlin (partial migration), SQLite, Firebase, Git and Github, Material Design

- Built a property management app supporting tenant tracking, electricity usage, and billing.
- Optimized data storage and retrieval using efficient SQL queries and table design.

Course & Certifications

- Nptel: Introduction to machine Learning
- Nptel: Programming In C++

OPEN SOURCE CONTRIBUTIONS

Mifos-Initiative: Migrated legacy Android client code to Kotlin, aligned with modern APIs