

Zulfikar Mauludin

Mobile Engineer

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Experienced mobile engineer with 5 years of expertise in developing high-performance Android and iOS applications. Proficient in Kotlin, Flutter, React Native, and Swift, with a strong foundation in application lifecycle and clean architecture. Dedicated to delivering robust, scalable, and user-focused mobile solutions.

EXPERIENCES

Full-Stack Developer | PT Fusi Solusi Transformasi

March 2024 - December 2024

- Developing an internal company application used by over 200 employees to simplify tracking invoice documents.
- Authored and optimised over 10.000 lines of code and integrating clean architecture, ensuring project robustness and ease of maintenance.
- Collaborated with cross-functional teams to design new features and improve app functionality.

Mobile Engineer | Badan Wakaf AlQuran

July 2020 – September 2023

- Deployed a mobile application for the company's donation campaign, increasing user engagement for more than 10.000 existing users.
- Revamped the attendance application for more than 300 employees, resulting in 40% reduction in bugs.
- Led a team of three mobile developers in building a robust software architecture using Flutter, ensuring project scalability and performance.

Android Developer | PT Amanah Karya Indonesia

January 2020 – June 2020

- Introduced new functionality in company application to assist employees with sorting and scanning 1K incoming items, resulting in a 20% improvement in workflow efficiency.
- Analysed and refactored a project with over 10.000 lines of code, improving robustness and code maintainability by 25% while adhering to clean architecture principles.
- Released a mobile application to the Play Store, achieving over 1.000 downloads.

PROJECTS

SmartSunnah

November 2024 – January 2025

- Create an Islamic application that contains features for reading the Quran and Hadith.
- Integrate applications so they can be used with smart glass.

EzzHalal

January 2024 – August 2024

- Developed a robust e-commerce platform that allows users to easily find halal-certified products, ensuring 100% compliance with legitimate halal certification standards.
- Contributed of improving mobile application performance by 30% and optimising backend API response time by 20%, enhancing user experience.
- Integrated Stripe API to handle international payments, facilitating secure transactions across 5+ countries.

XCess by Agtran

September 2023 – December 2023

- Developed and maintained a car rental application, fixing over 70% of reported bugs on the iOS platform, resulting in reducing crash rates by 25%.
- Built a custom camera module for the Flutter framework to meet specific user requirements, leading to a 15% reduction in user-reported issues related to camera functionality.

Hallaw – Legal Solution **2024**

July 2023 – March

- Built and launched an application that allows users to find and consult with legal experts remotely, increasing user

accessibility by 30%

- Implemented Agora SDK to enable voice and video calls for online consultations, improving real-time communication quality and increasing user engagement.

Alita WMS

July 2022 – December 2022

- Deployed a warehouse management application that boosted productivity for over 100 employees and decreased paperwork usage by 90%.
- Developed an on-site application for employees and resolved a critical bug that caused recurring issues with picture capture, improving application reliability by 30%.

Pintar Kerja

October 2021 – July 2022

- Coordinated with a team of 6 developers to create and deploy a learning management system (LMS) for over 20 schools, enhancing educational delivery and administrative efficiency.
- Collaborated with a product designer to develop application design and system, resulting in a streamlined user interface and enhanced system functionality.

SKILLS

- Technical : Swift, Kotlin, Flutter, ReactJS, NodeJS
- Tools : Visual Studio Code, Android Studio, Git, Notion, Trello