RAIHAN ACHMAD D. F.

Web ~ Android Developer

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SUMMARY

Experienced web and mobile app developer skilled in React for frontend development and React Native and Flutter for cross-platform mobile apps. Proficient in full-stack development with Laravel, ensuring seamless backend integration. Adept at crafting intuitive user interfaces and robust web solutions, delivering high-quality, user-friendly applications. Continuously learning to stay updated with industry trends.

SKILLS

Languages: Java, JavaScript, Kotlin, Dart, PHP, SQL, NoSQL, Bash.

Technologies: Laravel, MariaDB, MongoDB, React.js, Node.js, Express.js, Android, React Native, Flutter, Tailwind, Git, Go.

EXPERIENCE

02/2023 – 02/2025   **Full Stack Developer**   **Yayasan Pustaka Obor Indonesia**

Built and maintained a library management system app, developing features like the journaling system, books warehouse delivery, consignment and stock distribution, as well as sales and debt payment systems. These helped make managing inventory, transactions, and finances easier for the library.

`Laravel / MariaDB / Filament / Livewire`

08/2024 – 12/2024   **Full Stack Developer Intern**   **Badan Riset dan Inovasi Nasional (BRIN)**

Worked on a project for a Matching Fund Program that was developed for the Ministry of Tourism. Created a dashboard with interactive maps to manage tourism data. My job was to manage the VPS, host the website, set up a CI/CD system to keep the server running smoothly and make updates easier, and create the front end of interactive maps which integrated with Google Maps API.

`NextJS / React / Shadcn / Tailwind / Nginx`

02/2024 – 07/2024   **Mobile Development Cohort**   **Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka**

Learned Android app development using Kotlin and Jetpack. I worked on projects covering UI/UX, geo location, testing, databases, networking, etc. Graduated with distinction (Top 10% Student).

`Kotlin / SQLite / Koin / Compose`

06/2023 – 12/2023   **Research Staff Intern**   **PT. Bensae Kreasi Indonesia**

Involved in research of a VR-based simulator for post-stroke physiotherapy, focusing on the ergonomics of the interface and user experience. The research process follows a five-plane model and human-centered design methodology. Conducted Usability testing to evaluate the interface design and user experience.

08/2023 – 08/2023   **Back End Developer**   **KOICA**

Led volunteers of State Polytechnic Jember and Kyungpook National University. Developed a smart waste management system using Arduino, ultrasonic sensors, and a JS-MongoDB backend for real-time tracking, QR code logging, and a rewards system.

`Express / Tailwind / MongoDB / WebSocket`

10/2019 – 03/2020   **Full Stack Developer Intern**   **Primaland**

Developed a real estate front-end website, and admin panel for the startup company. Built an employee scoring system application with intern team.

`Framework7 / PHP / MySQL`

EDUCATION

2021 – 2025
Grade: 3.90   **Informatics Engineering**   **State Polytechnic of Jember**

Completed courses in data structures, algorithms, software engineering, web development, and system integration. Gained practical experience through internships and class projects, developing applications and systems for various industries.

2018 – 2021   **Software Engineering**   **Vocational High School State 1 of Bondowoso**

Ranked top 3 throughout high school and top 6 in parallel class during graduation.

LANGUAGES

English - Professional working proficiency, **Indonesian** - Native or bilingual proficiency