

Muhammad Iqbal Firmansyah

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PROFILE

Fullstack JavaScript Developer with experience in **Next.js**, **React.js**, and **Node.js**, experienced in building **RESTful APIs** and working with **PostgreSQL**, with backend development using **Laravel** and **Express.js**. Has used **Zustand** for state management and **Cypress** for testing, along with **Git** for version control. Also experienced in **Google Apps Script** automation and web application development for operational and business needs, with a strong interest in **Fullstack Development** and improving workflow efficiency.

EDUCATION HISTORY

Trunojoyo Madura University (Aug 2021 – Jun 2025)

Bachelor's Degree - Information Systems - GPA 3.83

- Proficient in **JavaScript/React**, **PostgreSQL**, **WordPress**, **UI/UX**, **Python**, **Java**, **Kotlin**, and **PHP**.

SIB Dicoding Academy X Kampus Merdeka Batch 6 (Feb 2024 – Jun 2024)

Front-End and Back-End Developer

- Completed Front-End and Back-End development learning paths (Beginner–Advanced).
- Recognized as a **top-performing participant**.

WORK EXPERIENCE

Hacktivate Teknologi Indonesia (Okt 2025 – Apr 2026)

Fullstack JavaScript - Operational Assistant

- Developed **Google Apps Script** to automate and optimize Excel/Google Spreadsheet based workflows.
- Built automated scripts for data processing, sheet synchronization, and email distribution.
- Reduced manual operational tasks through JavaScript-based automation solutions.

PT. Qiblatain Ama Tour (Agu 2025 – Okt 2025)

Fullstack Developer

- Developed the company's profile website with **Laravel** Framework.
- Designed and built a web-based inter-division coordination system that functions as a simplified ERP to support the company's internal operations.

Coding Camp 2025 Powered By Bank DBS Foundation (Jan 2025 – Jun 2025)

Mentor - Front-End and Back-End Developer

- Guiding and Providing Direction to Participants Throughout the Coding Camp.
- Monitoring Progress and Offering Solutions to Challenges.
- Developing and demonstrating backend functionality using **Express.js** to support application features during the learning process.

Trunojoyo Madura University (Agu 2022 – Des 2025)

Lab Assistant - Informatics Engineering Lab

- Taught practical sessions for core subjects such as **Programming Algorithms**, **Android**, **Web Development**, **Object & Visual Programming**, and **Databases**.
- Provided practical materials, evaluated, and graded students' assignments.
- Maintained effective communication with lecturers regarding practical session materials.

PT Inosoft Trans Sistem (Jan 2024 – Feb 2024)

Front-End Web Developer

- Developed the Virtusee help center website using the **CodeIgniter** framework.
- Developed the MyRED-A e-commerce website using **PrestaShop**.

PROJECTS

- [Interview With AI](#) - An **AI-powered interview simulation platform** that allows users to practice technical interviews, answer questions, and improve interview readiness.
- [Cleaning4Solo Website](#) - Developed a **web platform** promoting environmental awareness in collaboration with the **Solo Bersih Community**.
- [TravelIn Prototype](#) - Designed a **travel application prototype** introducing innovative concepts for the Indonesian tourism industry.
- [Madura Island Prototype](#) - Created a **UI/UX design prototype** showcasing tourism potential and cultural attractions of **Madura Island**.
- [Smart Finance App](#) - Developed a **personal finance management application** to help users track and manage expenses efficiently.
- **Data Mining Journal/Article** - Published a research article on **clustering and data mining** in [IKADO TEKNIKA](#) and [APIC Conference](#) (**SINTA 3 indexed**).

CERTIFICATIONS

- [Intellectual Property Rights \(HKI\)](#) – Data Mining Clustering UMKM Batik Madura.
- [SIB Dicoding](#) – Learning Path Front-End and Back-End.
- [PT. Inosoft Trans Sistem](#) – Web Developer.
- [Dicoding](#) – Expert Front-End Web Developer.
- [Dicoding](#) – Learning Fundamental Front-End Web Development.
- [Dicoding](#) – Building Web Applications with React.

SKILLS

- **Frontend** : Next.js, React.js, HTML, CSS, JavaScript
- **Backend** : Node.js, Express.js, Laravel, CodeIgniter, PHP, Google Apps Script
- **Database** : PostgreSQL
- **Programming Languages** : JavaScript, PHP, Java, Python
- **Tools & Technologies** : Git, Docker, REST API, Supabase, Railway, Cloudinary, Postman, Streamlit
- **Design & Productivity Tools** : Figma, Canva, Microsoft Office (Word, Excel, PowerPoint, Visio, Project)
- **Soft Skills** : Leadership, Time Management, Critical Thinking, Discipline