

Muhammad Fatihul Iqmal

FULLSTACK WEB DEVELOPER

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OBJECTIVE

Fresh graduate in Informatics (Bachelor's) with a focus on building a career as a Fullstack Developer. Experienced in both frontend and backend web application development, including building responsive interfaces, RESTful APIs, and system integration. Highly adaptable to evolving technologies, including leveraging AI tools to boost productivity and development efficiency. Ready to contribute to an innovative, collaborative, and solution-oriented tech team.

WORK EXPERIENCE

Fullstack Web Developer Intern – Komatsu Remanufacturing Asia

August 2025 – June 2026

- Developed a web-based Learning Management System (LMS) using Laravel Livewire to support the digitalization of employee training processes.
- Designed feature workflows, data structures, and user roles and permissions based on internal company requirements.
- Coordinated with clients and the IT team through weekly progress reviews, RESTful API integration, and user testing.

Backend Web Developer Intern – Institut Teknologi Kalimantan

February 2025 – June 2025

- Developed and managed inter-table relationships in the database using Eloquent ORM within Laravel.
- Built and maintained RESTful APIs for various internal campus information system modules.
- Produced and continuously updated comprehensive API documentation using Swagger.
- Collaborated effectively using Git and GitHub, including version control workflows and code reviews.

Fullstack Web Development (MSIB) – Binar Academy

September 2024 – December 2024

- Gained end-to-end web application development skills using React.js, Node.js, Express.js, databases, RESTful APIs, authentication, testing, and deployment.
- Collaborated in a team using Git and GitHub to develop web application projects.
- Completed the program with an average score of 98 (hard skills) and 100 (soft skills).

Algorithm & Programming Lab Assistant – Institut Teknologi Kalimantan

August 2023 – December 2023

- Taught the implementation of algorithms and programming concepts using Python.
- Guided and evaluated students' major assignments for the Algorithm & Programming course.

Calculus Teaching Assistant – Institut Teknologi Kalimantan

August 2023 – December 2023

- Held supplementary classes to help students grasp fundamental calculus concepts.
- Evaluated student assignments and compiled weekly progress recaps.

PROJECTS

"BISA-KRA" Learning Management System – Komatsu Remanufacturing Asia

August 2025 – June 2026

Fullstack Developer

A web-based LMS application built to digitalize the employee training process within the Human Development department. The system covers role management, PDF/video learning materials, pre- and post-tests, training sessions, surveys, multi-level approvals, training schedules, and integration of user data and room booking via RESTful API.

- Designed the system architecture, data structure, feature flow, and user roles based on client requirements.
- Implemented the UI/UX design into a responsive and well-structured application interface.
- Integrated user data and room booking functionalities via RESTful API in collaboration with the IT team.
- Conducted weekly progress reviews with the client and led user testing during the final development phase.

Tech Stack: Laravel Livewire, Blade, Tailwind CSS, Alpine.js (Frontend) · Laravel, PHP (Backend) · Git, GitHub

Kalimantan Biodiversity Portal – Institut Teknologi Kalimantan

January 2026 – June 2026

Frontend Developer

Developed a web-based biodiversity portal to display species and forest area information across Kalimantan, based on documented client requirements. The system focuses on biodiversity data visualization through interactive maps, filter

features, species detail views, and clear forest data presentation.

- Designed the UI/UX and implemented the interface using Jinja Templating, Tailwind CSS, and Alpine.js.
- Developed frontend views based on requirements documented in the system specification.
- Implemented an interactive map feature for visualizing species distribution and forest areas, including data filters, hover info, regional drilldowns, and detail modals.
- Collaborated with the backend team to integrate biodiversity, species, forest, and spatial data into the application interface.
- Ensured map data and biodiversity information were displayed responsively, clearly structured, and user-friendly.
- Supported the User Acceptance Testing (UAT) process to verify that developed features met client requirements.

Tech Stack: Jinja Templating, Tailwind CSS, Alpine.js, Leaflet.js (Frontend) · Django (Backend) · PostgreSQL · Git, GitHub

"Flaizy" E-Ticketing Flight App – Kampus Merdeka – Binar Academy

November 2024 – December 2024

Lead Frontend Developer

Developed a web-based flight booking application as part of a cross-functional team comprising frontend and backend divisions. Served as Lead Frontend Developer, responsible for directing interface development, distributing frontend tasks, and ensuring feature implementation aligned with the design and system requirements.

- Led the frontend team in building a responsive, web-based e-ticketing application.
- Translated UI/UX designs into a responsive, interactive interface that aligned with user needs.
- Developed core frontend features including flight search, seat selection, multi-passenger booking, payment history, and ticket print page.
- Collaborated with the backend team on API integration for authentication, flight data, booking, payment, notifications, and PDF/QR ticket generation.
- Managed state management using Redux Toolkit to maintain a structured and maintainable data flow.
- Collaborated using Git, GitHub, and GitHub Actions for version control, deployment, and team-based development.

Tech Stack: React, Redux Toolkit, JavaScript, Tailwind CSS (Frontend) · Node.js, Express.js (Backend) · PostgreSQL (Supabase), Prisma ORM · JWT, OTP · Vite, Vercel, GitHub Actions

ORGANIZATIONAL EXPERIENCE

Expert Staff, Internal Affairs Department – Informatics Student Association (HMIF)

June 2024 – June 2025

- Planned and executed internal programs aimed at strengthening relationships among association members.
- Coordinated activities, facilitated inter-division communication, and developed strategies to ensure smooth internal events.
- Actively collaborated with the team to ensure events ran effectively and organizational goals were achieved.

EDUCATION

Bachelor of Informatics – Institut Teknologi Kalimantan

2022 – 2026

GPA: 3.76 / 4.00

SKILLS

Frontend: React.js, Next.js, Laravel Livewire, Blade, Tailwind CSS, Bootstrap, Alpine.js

Backend: Laravel, Node.js, Express.js, NestJS, Django

Database & ORM: PostgreSQL, MySQL, Supabase, Prisma ORM, Eloquent ORM

API & Authentication: RESTful API, JWT, OAuth, OTP, Swagger

Tools & Deployment: Git, GitHub, Vercel, Hostinger, GitHub Actions, CI/CD

Testing: Unit Testing, User Acceptance Testing, User Testing