

AFIF FAISAL ALAMSYAH

+62 822-2963-4571 | afiffaisalalamsyah567@gmail.com | https://linkedin.com/in/afiffaisalalamsyah | www.afiffa.my.id/

Software Engineer with experience in full-stack and back-end development, specializing in Next.js, React, Node.js, and Laravel. Experienced in developing and maintaining web applications, including an HRIS at PT Djati Perkasa Baofeng Indonesia and a student attendance system for MIN 1 Sidoarjo. Skilled in building RESTful APIs, implementing secure authentication, optimizing databases, and automating development workflows. Reduced deployment time by 83% through CI/CD automation and mentored 150+ students in programming fundamentals.

Work Experience

PT Djati Perkasa Baofeng Indonesia - **Pasuruan, East Java** Feb 2026 - Jul 2026

HR System Officer

- Developed and maintained the company's HRIS, automating HR processes and implementing new system modules while ensuring data accuracy, security, and integrity.
- Performed troubleshooting, debugging, and front-end/back-end optimization to maintain system stability, performance, and reliability for daily operations.
- Collaborated with the HR team to develop procedures, policies, and reports, while preparing technical and functional documentation for HR systems.

MOSHEE Universitas Telkom Surabaya - **Surabaya, East Java** Sep 2025 - Jan 2026

Back End Developer Intern

- Designed and developed RESTful APIs for an online learning platform using Next.js, PostgreSQL, and Prisma ORM, supporting over 500 concurrent users with 99.8% uptime.
- Implemented JWT-based authentication and role-based access control (RBAC) for three user roles: students, instructors, and administrators.
- Automated deployment workflows using GitHub Actions, reducing deployment time from 2 hours to 20 minutes.
- Collaborated with the front-end team to integrate server actions and API endpoints, improving API response time by 40% through query optimization.

MIN 1 Sidoarjo - **Sidoarjo, East Java** Feb 2025 - Jun 2025

Back End Developer | Remote - Community Service

- Developed the backend of a student attendance web application using Next.js and TypeScript, with Prisma ORM for database management.
- Implemented secure authentication using JWT and bcrypt password hashing to protect user accounts and attendance data.
- Built Excel export functionality using the xlsx library to simplify attendance reporting and record-keeping for school staff.

Telkom University Surabaya - **Surabaya, East Java** Feb 2025 - Jun 2025

Practicum Assistant (Informatics, Information Technology & Data Science)

- Mentored 150+ students across three study programs in object-oriented programming, algorithms, operating systems, and computer networks, achieving a 92% satisfaction rate.
- Delivered practical guidance in Java, Go, Linux administration, and networking through 40+ laboratory sessions and supervised 25+ final projects.
- Conducted debugging workshops that improved student code quality by 65%, measured through reduced compilation errors and improved problem-solving efficiency.

Telkom University Surabaya - **Surabaya, East Java** Sep 2024 - Dec 2024

Operating Systems Practicum Assistant (Informatics)

- Facilitated Linux-based operating systems laboratory sessions for 40 students using VirtualBox, covering shell scripting, process management, IPC, and FUSE implementations.
- Guided eight group projects involving Linux features such as Cron automation and AWK data processing, achieving 100% project completion.
- Created supplementary learning materials that reduced student error rates by 50% and improved practical exam scores by 35%.

PT Integrasi Inti Sinergi - **Malang, East Java** Oct 2021 - Feb 2022

Front End Developer

- Developed two responsive web applications using React.js and SASS, achieving Lighthouse performance scores above 95.
- Integrated RESTful APIs with backend services, improving page load times by 40% through optimized data fetching and state management.
- Applied version control workflows using Bitbucket and managed project timelines through Jira within a six-member Agile team.

PT Netsindo Sentra Computama - **Banjarbaru, South Kalimantan** Jan 2020 - Mar 2020

Web Developer Internship

- Developed and maintained 10+ client websites using PHP and Bootstrap, improving user experience and client satisfaction.
- Created 15+ custom WordPress themes and plugins using reusable components to streamline development.
- Optimized website performance, achieving 45% faster load times and mobile responsiveness scores of 98%.

Educations

Universitas Telkom Surabaya - **Surabaya, East Java** Aug 2022 - Jan 2026

Bachelor of Informatics, 3.62/4.00

- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Database Management Systems, Web Technology, and System Design.
- Active member of the Informatics Student Association (HMIF), contributing to 10+ technology workshops and seminars.

SMK TELKOM Banjarbaru - **Banjarbaru, South Kalimantan** Jul 2019 - May 2022

High School Diploma in Software Engineering

- Earned the Junior Web Developer Certification issued by the National Professional Certification Agency (BNSP).
- Proficient in HTML5, CSS3, Bootstrap, JavaScript, PHP, and MySQL, with hands-on experience through practical projects.

Organizational Experience

Himpunan Mahasiswa Informatika - **Surabaya, East Java** Mar 2025 - Dec 2025

Ristek Division

- Organized academic support activities, including seminars, workshops, and training programs, to enhance the competencies of Informatics students.
- Facilitated research- and technology-oriented programs as a platform for fostering student innovation and skill development.
- Managed the planning and execution of Ristek Division programs to ensure alignment with departmental objectives.
- Collaborated with various stakeholders, including speakers, participants, and internal teams, to ensure the successful delivery of academic events.

Himpunan Mahasiswa Informatika - **Telkom University Surabaya** Mar 2024 - Feb 2025

Kominfo Division

- Designed visual content to commemorate national holidays and celebrate HMIF members' birthdays, fostering engagement and a stronger sense of community.
- Produced digital content to promote HMIF activities, increasing visibility across Instagram (@hmif.telkomsurabaya) and TikTok platforms.
- Coordinated the content publishing schedule to ensure timely and impactful communication throughout 2024.

Skills, Achievements & Additional Experience

- **Certification** ✓ (2025): Web Development, Machine Learning, and Data Visualization — Dicoding
- **Certification** ✓ (2025): Bootcamp Human Resource — KarirNex by PT Ebiz Karisma Internasional
- **Certification** ✓ (2025): HR Generalist, HRGA, eBootcamp HR, and Payroll — PT MSDM Indonesia Bisa
- **Projects** ✓ (2026): PasPapan (Open Source / Enterprise HRIS): Developed a self-hosted HRIS platform with a mobile app, featuring biometric attendance, GPS geofencing, and automated Indonesian payroll calculations with PDF generation.
- **Projects** ✓ (2026): ColorMatch Studio (Creative Tech): Built an interactive color harmony and textile pattern visualization tool using Laravel and HTML5 Canvas, enabling real-time color matching for batik and embroidery designs.
- **Projects** ✓ (2026): Peopleku LMS (Enterprise Learning Platform): Engineered an HR learning platform using Nuxt 3 and NestJS, featuring skill roadmaps, real-time assessments, and QR-verified digital certificates.
- **Projects** ✓ (2026): Afif Faisal Portfolio (Personal Portfolio): Developed a modern developer portfolio using Next.js 16, featuring dynamic project filtering, responsive device mockups, theme switching, and an AI chatbot.
- **Programming Languages & Frameworks**: PHP (Laravel, Phenomine), JavaScript/ TypeScript (React, Next.js), Java (Spring Boot),Kotlin, Python (AI/ML), C# (.NET), SQL,NoSQL, Rust.
- **Tools, Data & DevOps**: Git, Docker, Linux (Debian/Ubuntu), Jira, GitHub Actions, Firebase, Nginx, Google Cloud, Tableau, Microsoft Office (Word, Excel, PowerPoint), RapidMiner (Altair AI Studio).
- **Languages**: Indonesian (Native), English (TOEFL ITP: 553)