MUHAMMAD ANSHAR AL FARUQ

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Computer Science graduate from Diponegoro University who builds responsive web applications with Next.js, React, TypeScript, and Laravel. Delivered multilingual websites for two mining companies, a security monitoring dashboard at Pertamina Gas, and an award-winning hazard-mapping WebGIS. Currently an Associate Product Owner intern at Bank Rakyat Indonesia.

Education

Universitas Diponegoro - Semarang — Aug 2022 - Sep 2026

Bachelor of Computer Science, 3.13/4.00

- **Relevant Coursework:** Software Development (ICONIX), Enterprise Systems (ERP), Database Systems, Web Programming, Object-Oriented Programming, Data Structures and Algorithms, Software Testing

Work Experiences

PT Bank Rakyat Indonesia (Persero) Tbk. - Banking - Jakarta — Nov 2026 - Present

Operational Excellence Group - Outlet Operation Improvement Intern

- Tested 5 modules of a branch service application during a branch pilot, documenting issues for developers.
- Drafted Business Model Canvases for 4 upcoming application features to map business needs and target users.
- Coordinated with branch supervisors and prepared pilot correspondence following the bank's approval workflow.

PT Cidata Mining Servis - Mining - Jakarta — Aug 2025 - Dec 2025

Full-Stack Web Developer (Freelance)

- Delivered a full-stack platform with Laravel, React, and TypeScript covering 15+ public pages.
- Built a 3-language i18n system (ID/EN/ZH) maintaining 1,700+ translation keys per locale.
- Launched a searchable catalog of 7 heavy-equipment models with 70+ keyword mappings and autocomplete.

PT Kristalin Ekalestari - Mining - Jakarta — Jul 2025 - Dec 2025

Full-Stack Web Developer (Freelance)

- Developed an 18-page corporate website in 3 languages using Laravel and Inertia.js, passing Core Web Vitals on desktop (LCP 1.9s).
- Structured content across 16 modules, including a news section of 38 articles in 10 categories.
- Built a multilingual site search returning relevant snippets across all 3 languages.

PT Pertamina Gas (Pertagas) - Energy - Jakarta — Jan 2025 - Feb 2025

General Support Intern

- Built a Laravel security dashboard integrating Sophos Central API data from 4 sources.
- Developed 5 admin modules for analytics, alert tracking, reporting, and user access management.
- Delivered near real-time metrics with 5-minute caching and PDF/CSV exports across 2 user roles.

Projects

B2B Exporter E-Commerce Platform - Undergraduate Thesis — Apr 2026 - Sep 2026

Case Study: PT Telaga Cipta Indonesia

- Developed a B2B exporter e-commerce platform with Next.js and MySQL, integrated with PayPal for payment processing.
- Designed the system with the ICONIX Process, including use case, robustness, sequence, and class diagrams.
- Validated system reliability through Black Box Testing with 54 test scenarios.

KATANA - Hazard Mapping WebGIS — Jan 2026 - Feb 2026

*KKN-T 35 Universitas Diponegoro - **Best Program Award**, Gelar Karya KKN UNDIP*

- Built an interactive WebGIS with React, Next.js, and Leaflet to map flood, landslide, and critical-land hazards.
- Mapped 16 urban villages, covering 30 flood zones, 35 critical-land areas, 17 evacuation routes, and 127 shelters.
- Coordinated with district and village officials and residents to gather field data and user needs.

gaSIAP - Academic Information System — Aug 2024 - Dec 2024

5th Semester Major Assignment

- Developed a web-based study plan (IRS) submission system with Laravel (PHP) and MySQL using MVC architecture.
- Implemented role-based access for 5 user roles: students, lecturers, head of study program, academic staff, and dean.
- Applied the ICONIX Process and validated functional requirements through Black Box Testing based on the SRS.

Organizational Experience

Himpunan Mahasiswa Informatika UNDIP (HMIF) - **Semarang** Feb 2023 - Feb 2025

Staff of Art and Sport Division (Seniora)

- Organized art programs, performances, and workshops for students while mentoring junior division members.
- Supervised 50+ junior advisors as Advisor Supervisor of I-CONSOLE 2024, guiding new Informatics students.
- Led event staff as Event Staff Supervisor of I-GATE 2024, coordinating performances and award segments.
- Headed the committee of Informatics 172 Graduation Parade 2023, managing logistics and team tasks.

Certifications & Skills

- **Alibaba Cloud Certified Associate (ACA) - Cloud Computing**, Alibaba Cloud (2024)
- **Database Programming with SQL**, Oracle Academy (2024, course completion)
- **Database Design**, Oracle Academy (2023, course completion)
- **Frontend**: Next.js (App Router), React.js, TypeScript, JavaScript, Tailwind CSS, HTML/CSS, Inertia.js, Responsive UI, i18n
- **Backend & Data**: Laravel, PHP, REST API Integration, MySQL, Database Design, Python, Leaflet/WebGIS
- **Tools**: Git/GitHub, Postman, Figma, draw.io, Lighthouse, AI-Assisted Development (Claude, ChatGPT, Cursor)
- **Methods**: ICONIX Process, Black Box Testing, UAT, Business Model Canvas, Agile, Technical Documentation
- **Soft Skills**: Problem Solving, Public Speaking, Stakeholder Communication, Leadership & Mentoring
- **Language**: Indonesian (Native), English (Professional Working Proficiency - TOEFL Prediction 601)