

Dimas Adiluhur Panggarbesi

Jakarta, Indonesia | [+62 898 6292 095](tel:+628986292095) | dimasadiluhur@gmail.com
arxy.my.id | linkedin.com/in/dimas-adiluhur | github.com/arxycth

Professional Summary

Informatics Engineering student and Full-Stack Developer with a strong GPA of 3.90/4.00, specializing in modern web applications, backend architecture, and Web3 technologies. Proficient in building robust APIs, scalable relational databases, and decentralized blockchain solutions (dApps). Proven track record of delivering clean code and efficient client-server architectures, alongside experience in integrating advanced data processing systems for academic institutions and freelance clients.

Technical Skills

- **Frontend:** React, Next.js, TypeScript, JavaScript, Tailwind CSS
- **Backend & Database:** Laravel, FastAPI, Node.js, Python, PHP, MySQL, PostgreSQL
- **Web3 & Blockchain:** Solidity, Ethers.js, Base Layer 2, Hardhat, Blockchain Basics
- **Tools & Infrastructure:** Amazon Web Services (AWS), Oracle Cloud Infrastructure (OCI), Git, GitHub, Filament (TALL Stack)

Professional Experience

Artificial Intelligence Literacy and Innovation Institute (ALII) | Jakarta, Indonesia

Backend Developer Intern | Jan 2026 – Apr 2026

- Engineered backend architectures utilizing Python and FastAPI to support a Retrieval-Augmented Generation (RAG) system for comprehensive academic document analysis.
- Integrated Large Language Models (LLM) into data preprocessing pipelines to efficiently parse, process, and extract structured insights from student thesis drafts.

Freelance Software Development | Remote

Full-stack Web Developer | Sep 2024 – Present

- Built, optimized, and maintained custom web applications for diverse clients utilizing the Laravel and Next.js ecosystems.
- Architected efficient relational database structures and developed responsive user interfaces with a focus on writing clean, scalable, and maintainable code.

Key Projects

Whistleblowing dApp on Blockchain | Live: uin-parking-report.arxy.my.id

- Developed a decentralized web application (dApp) for campus parking violations to ensure data integrity, security, and transparency.
- Utilized Next.js, TypeScript, Solidity, and Ethers.js to build and deploy smart contract interactions on the Base Layer 2 network.

Outcome-Based Education (OBE) Management System | Live: layan-an-obe.uinjakarta.id

- Architected a university-scale management system using Laravel and React to restructure, map, and migrate academic curriculum data based on OBE standards.

OMI Tryout & Preparation Platform | Live: pelatihanolimpiade.com

- Built a comprehensive exam simulation platform featuring automated payment gateway integrations to facilitate seamless user transactions and realistic exam experiences.

Student Administration & Audit Log System | Live: data-mahasiswa.arxy.my.id

- Created an administrative dashboard using Laravel Filament and PostgreSQL, featuring real-time Audit Trail capabilities to securely track all CRUD operations on student data.

Education

UIN Syarif Hidayatullah Jakarta | Jakarta, Indonesia

Bachelor of Science in Informatics Engineering | 2023 – Present

- Cumulative GPA: 3.90 / 4.00 (Currently in 7th Semester)
- Relevant Coursework: Software Engineering, Web Development, Database Architecture, System Security.