

MUHAMAD ALDIO YASPINDO

Software Engineering Student

WA: 085183200450 | Email : m.alديوaspindo@gmail.com | Github : [AldioYaspindoDev](#) |

LinkedIn : [muhamad-aldio-yaspindo](#) | Portfolio : <https://www.alديوaspindo.my.id/>

ABOUT ME

A Software Engineering student at Padang State Polytechnic with a focus and expertise in Full-Stack Development, including web and mobile application development. Proficient in JavaScript, TypeScript, and Python, as well as various modern technologies such as React, Node.js, Express, NestJS, Next.js, FastAPI, Flask, and Flutter. Experienced in designing REST APIs, managing SQL databases (MySQL, PostgreSQL) and NoSQL databases (MongoDB), and interested in applying Machine Learning to software development. Possesses strong analytical and problem-solving skills and is ready to contribute in a professional environment through an industry internship program.

PROJECT

PT Wanderlust Cantigi Internasional | Full-Stack Engineer for Car Rental Website *Fullstack Engineer* (Padang)

- Designed and implemented a responsive car rental platform with a focus on usability, accessibility, and modern UI/UX principles.
- Developed scalable backend services using Laravel, including vehicle management, reservation processing, rental tracking, and customer management modules.
- Engineered secure authentication, authorization, and RBAC mechanisms to protect sensitive business and customer data.
- Collaborated on the end-to-end system architecture, integrating frontend, backend, and database services to support operational efficiency and streamlined booking workflows.

Etheral Creative | E-Commerce Fullstack Engineer (Padang)

- Architected and developed a full-stack e-commerce platform following Clean Architecture principles, ensuring modularity, scalability, and maintainability.
- Built secure RESTful APIs for product catalog management, inventory tracking, customer accounts, shopping carts, and order processing.
- Developed responsive customer-facing and administrative dashboards using Next.js, delivering a seamless user experience across devices.
- Implemented authentication, authorization, and business workflows to support secure transactions and efficient operational management.
- Collaborated on end-to-end system development, from architecture design to frontend-backend integration.

ArecaGrade AI | Areca Nut Quality Detection System Fullstack Engineer (Padang)

- Developed and trained an areca nut quality classification model using Convolutional Neural Networks (CNN) with a MobileNetV2 transfer learning approach.
- Built a scalable RESTful API using FastAPI to serve machine learning predictions and manage application data.
- Designed and implemented a responsive web application using Next.js, integrating AI-powered quality detection features for a seamless user experience.
- Developed a cross-platform mobile application using React Native to enable real-time areca nut quality assessment.
- Integrated frontend, backend, and machine learning services into a complete end-to-end AI solution.

EDUCATION

PADANG STATE POLYTECHNIC (2023 - Present)

Bachelor of Applied Science in Information Technology (Major: Software Engineering Technology) – GPA 3.56

SKILSS

- JavaScript
- TypeScript
- Python
- React / Next.js
- Node.js / Express / NestJS
- FastAPI
- MySQL / PostgreSQL / MongoDB
- Git/GitHub
- REST API
- Machine Learning