TUBAGUS ALWASI'I

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SUMMARY

Informatics Engineering graduate from Universitas Islam Sultan Agung with hands-on experience in full-stack web development, fi data analytics, and Machine Learning/NLP integration. Capable of building enterprise-grade applications (using Laravel and Next.js), designing robust databases, and implementing AI models to ensure reliable digital systems. Known as a self-directed and adaptable developer who actively leverages AI tools (such as Gemini and Claude) for coding efficiency, able to work seamlessly both independently and within collaborative tech teams. Ready to contribute in Full-Stack Web Development, Software Engineering, AI Development, and Data Analytics roles.

WORK EXPERIENCE

Penata Komputer

Balai Diklat Industri Yogyakarta | *December 2025 – May 2026*

- Built and deployed production ready enterprise web apps using Laravel and Filament.
- Developed the IBIZA Business Incubator registration portal with a smooth application flow for managing tenant onboarding and incubation workflows.
- Led development of a performance monitoring and strategic planning system that automates the SAKIP reporting workflow covering strategic plans, performance agreements, and action plan tracking with a centralized dashboard for real-time oversight and accountability.
- Used AI tools (Claude and Gemini) to speed up debugging, testing, and refactoring, improving software reliability and user experience.

Android Developer

Bangkit Academy | *August 2023 - January 2024*

- Completed an intensive Android development program by Google, GoTo, and Traveloka, focused on building production-ready apps with Kotlin and Jetpack Compose.
- Developed Go Tani, a vegetable marketplace capstone project, using Kotlin and Jetpack Compose with REST API integration, clean architecture, and modern declarative UI.

EDUCATION

Universitas Islam Sultan Agung

Bachelor of Informatics | *September 2021 - November 2025*

CERTIFICATIONS

- Bangkit Academy Graduate - Mobile Development
- Pengenalan ke Logika Pemrograman (Programming Logic 101)
- Belajar Pengembangan Aplikasi Android Intermediate
- Belajar Dasar Git dengan GitHub

CORE COMPETENCIES & SKILLS

- Programming : PHP, Python, Kotlin, TypeScript / JavaScript
- Frameworks : Laravel, Filament, Next.js, React, Vite
- Database & Cloud : PostgreSQL, Supabase, Vercel, MySQL
- Tools & AI : Claude AI, Gemini, Git, Streamlit, yfinance, LLAMA 3
- Microsoft Office : Word, Excel, PowerPoint
- Google Workspace & Google Spreadsheet
- Teamwork, Problem Solving, Time Management

PROJECTS

Personal Finance Tracker Web App

Built a web-based financial tracker with Google Authentication for secure login and cloud sync for seamless data management. Successfully deployed and hosted.

Personal Portfolio Website

Built and deployed a dynamic personal portfolio website powered by Laravel and Vite, with hosting on Vercel.

GO TANI

Built a native Android marketplace app using Kotlin that connects local farmers directly with consumers.

Stock Market Analyzer App

Built a Python-based stock market visualization app that analyzes trends and identifies breakout points. Integrated financial APIs for real-time data and developed an interactive dashboard for technical analysis and market monitoring.

Song Lyric Meaning Generator Using Transformer

Built an AI driven NLP system that interprets semantic meaning by fine-tuning LLAMA 3 with LoRA and integrating a RAG pipeline.

IBIZA Registration Page

Developed a web-based Ibiza registration page featuring forms, document uploads, and activity information using Laravel and Filament.

E-Performance Yogyakarta Industrial Training Center

Developed a critical performance monitoring and strategic planning system for Balai Diklat Industri Yogyakarta. The platform automates the SAKIP reporting workflow, encompassing strategic planning, performance agreements, and action plan tracking, while providing a centralized dashboard for real-time institutional performance oversight and accountability.