Briandika Adelio Gunawan

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Junior software engineer focused on building efficient, user-centric solutions with clean and scalable code.

Relevant Experience

System Engineer • **VEF Solution** June 2023 – February 2025

- Engineered and customized ERPNext modules as a Full Stack Developer to meet client-specific requirements, improving workflow efficiency.
- Integrated RESTful APIs (e.g., Xendit) for secure payment processing, including user authentication and role-based access. Followed MVC principles and optimized for latency.
- Deployed and managed web applications on Ubuntu Linux servers using Nginx, SSL configuration, and SSH.
- Designed and built responsive interfaces with Vue.js and Bootstrap, ensuring cross-browser compatibility and mobile responsiveness.
- Maintained code quality through Git workflows, unit testing, performance optimization and implemented CI/CD pipelines using GitHub Actions to streamline deployments.
- Collaborated in Agile environments to deliver iterative improvements.

Full Stack Web Developer • **kaptenmulyono.org** March 2023

- Designed, developed, and deployed a website dedicated to a historical figure by collaborating closely with the client to ensure accurate representation.
- Created a user-friendly interface with custom styling and responsive design.
- Managed hosting, domain setup, and continuous updates using modern deployment platforms.

Selected Projects

Personal Website

A personal website built with React and Vite, focused on performance, simplicity, and scalability. It showcases my projects, skills, and development approach in a clean, responsive layout.

Multi-Warehouse Marketplace

Developed a location-aware marketplace platform that intelligently routes customer orders to the nearest warehouse. Integrated APIs to enable real-time delivery cost estimates and address autocomplete functionality. Built a comprehensive admin interface for efficient inventory and order management. Designed an intuitive user experience to ensure a smooth and seamless shopping journey for customers. Applied responsive design principles to optimize experience across desktop and mobile platforms. Secured user data and API endpoints using JWT authentication and HTTPS protocols. Applied responsive design principles to optimize experience across desktop and mobile platforms.

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, SCSS, Sass, Python, SQL

Libraries & Frameworks

React, Node.js, Tailwind CSS, JWT, OAuth, Vue.js, Framer Motion, Anime.js, Chakra UI, Jinja, Express.js, ERPNext, Sequelize.js

Tools & Platforms

Git, GitHub (CI/CD), Netlify, Vercel, Firebase, Docker, Figma, Nginx, Ubuntu

Education and Certification

Parahyangan Catholic University

Studied Computer Science

Purwadhika Digital Technology School

Full Stack Web Development Program

Language

Indonesia (Native), English (Fluent)

Interests

Exploring new technologies and app accessibility, long-distance travel, automotive engineering