

Aldy Prastyo

FULL STACK & SYSTEMS ENGINEER

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I bridge the gap between high-level web interfaces and low-level system operations. Passionate about Linux internals, minimalist code, and building scalable applications. When I'm not writing JavaScript or PHP, you can find me optimizing memory allocation in C.

SKILLS

Languages	JavaScript · TypeScript · PHP · C · SQL
Frontend	React.js · Next.js · React Native · Tailwind CSS
Backend	Node.js · NestJS · Express.js · Bun.js · REST API
Systems & Tools	Linux · Git · Docker · Nginx · WordPress

EXPERIENCE

Fullstack Developer

2026 - Present

Starasia Perkasa Teknologi

I currently work as a Fullstack Developer at Star Perkasa Teknologi, developing a modular enterprise Super App used to digitize and automate internal business operations.

- Architect and develop enterprise modules using React.js & Express.js
- Implement complex approval workflows, role-based access control (RBAC), and business process automation.
- Develop financial and HR-related modules including Cash Advance, Business Travel, and Assessment Center.
- Design reusable backend APIs and shared frontend components for a modular application ecosystem.
- Collaborate in an Agile development environment, participating in requirement analysis, implementation, testing, and deployment.
- Continuously improve application performance, maintainability, and scalability following modern software engineering best practices.

Fullstack Developer

2024 - 2026

Export Expert

I was work as a Fullstack Developer at Export Expert Indonesia, an exclusive integration platform designed to empower Indonesians eager to explore the export industry.

- Develop and maintain the main website of exportexpert.id using React.js.
- Build the backend server with NestJS, ensuring scalable architecture.
- Create the mobile application using React Native for Android and iOS.
- Develop the admin panel with Bun.js for internal management.

Community Moderator

2022 - 2024

Web Programming Unpas

Moderator for the Web Programming UNPAS Discord community.

- Contributed to Bellshade, a GitHub repository for learning programming.
- Moderated the WPU CSS War event in 2022.
- Served as a moderator for WPUCast podcast.
- Helped organize the Kartini Day event.

Fullstack Developer

2022 - 2024

Aspenku

Developed several projects for a goods export company based in Jakarta.

- Backend Server: Developed API using Node.js.

- Frontend Website: Built aspenku.com using React.js.
- Mobile Application: Developed app using React Native.
- Admin Panel: Created dashboard using Next.js.
- NLC Website: Developed nlc.aspenku.com with WordPress.

Wordpress Developer

2020 - 2022

KPMI

Responsible for developing, customizing, and maintaining the organization's website to support its mission in empowering Muslim entrepreneurs across Indonesia.

Backend Developer

Oct 2019 - Jan 2020

Mars Digital

Freelance developer. Developed the backend of a financial reporting system for OpenRoad Auto Group (USA) using Node.js.

Fullstack Developer

2018 - 2019

Pojokan.io

A private community where I learned to code and worked on national/international projects.

- Frontend: Developed online meeting platform with ReactJs.
- Backend: Built LMS with NodeJS.
- Fullstack: Developed healthcare platform for Doctor Kai (Australia) using React Native.

EDUCATION

Software Engineering

Present

Telkom University Surabaya

Major in Rekayasa Perangkat Lunak. Focusing on modern software development practices and system architecture.

Computer & Network Engineering

Graduated

SMKN 1 Karanganyar

Major in Teknik Komputer dan Jaringan (TKJ). Learned about network infrastructure, server administration, and hardware troubleshooting.