

Alvino Dwi Nengku Wijaya

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Informatics undergraduate specializing in Frontend Web Development with hands-on experience building enterprise-grade applications using Next.js, TypeScript, React, and Tailwind CSS. Strong understanding of modern web architectures, including Role-Based Access Control (RBAC), multi-step approval workflows, and scalable state management using SWR and Zod for strict schema validation. Experienced in collaborating within cross-functional Agile/Scrum teams to translate UI/UX designs into responsive and high-performance digital products. Proficient in optimizing development workflows through Docker containerization and CI/CD pipelines to ensure efficient and reliable application deployment.

EDUCATION

Universitas Pembangunan Nasional “Veteran” Jawa Timur

2023 - Present

Bachelor of Informatics | Faculty of Computer Science

- GPA: 3.93/4.0
- Publications: Development of Java Desktop-based Correspondence Administration System (Case Study: Sugihwaras Village, Sidoarjo, East Java)

WORKING EXPERIENCE

PT Midi Utama Indonesia tbk (Alfamidi)

August - December 2025

Web Developer Intern

- Developed responsive web components using Next.js framework and TypeScript for client-facing applications.
- Translating complex business requirements into a user-friendly system.
- Implemented robust features including Multi-step Approval Workflows and Role-Based Access Control (RBAC), utilizing Zod for schema validation and SWR for efficient data fetching.
- Collaborated closely with design teams to transform UI/UX mockups and wireframes into fully functional web applications
- Participated in Agile development cycles and utilized Docker for deployment, ensuring timely delivery and consistent application environments.

ORGANIZATION AND VOLUNTEER EXPERIENCE

Student Executive Board of the Faculty of Computer Science

2025

Vice Head of Community Service Division

- Spearheaded the "Village Digitalization" program in Nogosari Village, Mojokerto, implementing technology solutions to enhance local administrative efficiency and digital literacy.
- Orchestrated strategic community service initiatives, managing cross-functional teams to execute impactful social-tech projects.
- Cultivated partnerships with external stakeholders (schools, village officials, and volunteer organizations) to expand the reach and sustainability of community programs.

Informatics Student Association

2024

Staff of Student Development

- Facilitated the onboarding process for new students through the "Pekan Mahasiswa Baru (Pemaba)" program, ensuring a smooth transition into campus life.
- Designed and delivered training modules focused on organizational values and soft skills, fostering the next generation of student leaders.
- Mentored new students, providing guidance on academic adaptation and organizational culture.

SKILLS

- Programming Languages: JavaScript, TypeScript, PHP, Python
- Web Development: React.js, [Next.js](https://nextjs.org/), Supabase, TailwindCSS
- Tools: Git/Github, Postman, Vercel, Figma
- Development Methodologies: Agile, RAD (Rapid Application Development), SCRUM.
- Professional Skills: Problem-Solving, Debugging, API Integration, Code Review, Technical Documentation, Project Management, Cross-Functional Communication, Continuous Learning.