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, 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.