

ZAHFANDHIKA FAUZAN MALDINI

FRONT-END DEVELOPER | IT STUDENT

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Driven Information Technology student at Budi Luhur University specializing in Front-End Development with a strong interest in Machine Learning. Experienced in managing client-based web projects, analyzing requirements, and delivering responsive digital solutions. Strong analytical problem-solver seeking a professional opportunity or internship to contribute to impactful software solutions.

TECHNICAL & CORE SKILLS

- Front-End Development:** HTML5, CSS3, JavaScript, Tailwind CSS, UI/UX Optimization.
- Tools & Platforms:** Git, GitHub, VS Code.
- Machine Learning & Data Science:** Predictive Modeling, Text Classification, Data Preprocessing (Cleansing, Tokenization, Stemming), Feature Extraction.

PROFESSIONAL EXPERIENCE

Freelance Front-End Developer

Project-Based | April 2026 – Present

- Architect, develop, and maintain responsive web solutions for diverse clients, ensuring high performance and cross-browser compatibility.
- Manage end-to-end client communications, translating business inquiries and goals into precise technical front-end specifications.
- Optimize website performance, improving page loading speeds and overall user experience metrics.

PROJECTS

TaniSuara – Voice-Based AI Agricultural Assistant

AI Studio Full-Stack Prototype | May 2026 – Present

- Developing an interactive, voice-activated web application using React (TypeScript) and Google AI Studio to assist Indonesian farmers with real-time agricultural insights.
- Integrating the Gemini 3.5 Flash API to support multilingual and local dialect queries (e.g., Javanese) regarding commodity pricing, weather, and pest management.
- Designing a minimalist, "Android-style" single-screen interface with a thumb-centric, 80% screen-area Push-To-Talk (PTT) button to optimize accessibility for users with limited smartphone literacy.

OmahCaregiver Web Platform

Responsive Web Application | May 2026

- Designed and developed a dedicated web platform tailored to provide digital accessibility, structured guidance, and centralized resources for family caregivers.
- Conducted user-centric interface research to ensure the application layout remains highly readable, intuitive, and stress-free for users across diverse age groups.
- Engineered a responsive frontend architecture to seamlessly deliver educational content and community touchpoints across both mobile and desktop devices.

EDUCATION

Universitas Budi Luhur

2024 - Present

Bachelor of Science in Information Technology (S1 - Teknik Informatika)

- Relevant Coursework: Operating Systems, Project Management, Data Mining, Web Development.

SMAN 70 JAKARTA

2021 - 2024

IPA