

MOH YUSUF

Informatics Engineer | Web Developer | IT Application Developer

+62 812-8319-5760 | muhamadyusuf03112001@gmail.com | linkedin.com/in/moh-yusuf | Sukabumi, Jawa Barat

PROFESSIONAL SUMMARY

Informatics Engineering graduate with nearly 2 years of experience as a Freelance Web Developer and hands-on experience in engineering administration within a leading FMCG manufacturing company. Skilled in React.js, JavaScript, WordPress Development, UI/UX Design using Figma, website optimization, and SEO implementation. Experienced in supporting business operations, inventory management processes, and cross-functional collaboration. Demonstrated strong analytical thinking, problem-solving abilities, and adaptability in both technical and operational environments.

TECHNICAL SKILLS

Programming & Web: HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript, jQuery, React Js, Wordpress.

Database: MS SQL, Cloudflare, Server.

ERP & Systems: SAP (Inventory & Procurement Modules), SAP MM, Non-SAP Application Maintenance.

Data & Reporting: Microsoft Excel (Pivot Tables, VLOOKUP/XLOOKUP, Advanced Formulas), Data Analysis

Tools & Platforms: Microsoft Office Suite, Microsoft Teams, Outlook, Git (basic), AI Tools (ChatGPT, Claude AI, Gemini AI)

Soft Skills: Analytical Thinking, Cross-Team Collaboration, Detail-Oriented, Process-Driven, Adaptable

Languages: Bahasa Indonesia (Native) | English (Intermediate)

PROJECTS

Web-Based Employee Scheduling System Using Genetic Algorithm

2024 – 2025

Academic Project – Universitas Teknologi Bandung

Bandung, Indonesia

- Developed a web-based employee scheduling application as a final-year research project to optimize workforce allocation based on production requirements.
- Implemented a Genetic Algorithm to automatically generate employee schedules while considering production targets, shift allocation, and workforce availability.
- Designed and developed system modules including employee management, production planning, automatic schedule generation, and schedule exchange requests.
- Created responsive user interfaces and system workflows to support both administrative and operational users.
- Conducted system testing and evaluation to ensure scheduling accuracy, efficiency, and usability.

Technologies Used:

HTML, CSS, JavaScript, PHP, Laravel, MySQL, Tailwind CSS, Genetic Algorithm

Mahitala App

2023 – 2024

Capstone Project – Study Independent

Batam, Indonesia

- Developed a web-based weather dashboard to display real-time weather updates, including temperature, humidity, rainfall, and wind speed.
- Implemented AI-powered features to suggest optimal crops, forecast weather trends for the next three months, and offer tailored water management recommendations.
- Designed and implemented a responsive, user-friendly interface using React and Tailwind CSS to ensure seamless accessibility across devices.
- Optimized application performance and ensured fast load times by implementing lazy loading and frontend best practices.
- Collaborated closely with the backend team to ensure smooth data integration and incorporated user feedback to continuously refine the user experience.

Technologies Used:

HTML, CSS, Javascript, React JS, Redux, Tailwind CSS

WORK EXPERIENCE

Engineering Administration Intern

PT Kino Indonesia Tbk

Nov 2025 – May 2026

Sukabumi, West Java

- Administered spare part inventory data in SAP ERP, ensuring accurate data entry and system-driven procurement workflows across the engineering department — supporting 2000+ active SKUs with zero data discrepancies.
- Monitored and maintained inventory system parameters (min/max stock, safety stock) and performed structured analysis of slow-moving, fast-moving, and bad stock conditions to optimize supply reliability for production operations.
- Achieved zero findings and zero discrepancies in external company audit covering all spare part records and documentation, demonstrating strong data governance, compliance standards, and attention to detail.
- Developed and maintained weekly and monthly inventory reports and procurement expenditure summaries in Microsoft Excel (Pivot Tables, VLOOKUP/XLOOKUP), supporting management review and budget monitoring across departments.
- Coordinated periodic physical stock counts and inventory verification on the factory floor, reconciling system data with physical quantities and maintaining minimal discrepancy rates across all reporting cycles.

Freelance Web Developer

Pakar Jasa Digital Marketing Agency

Oct 2023 – Aug 2026

Sukabumi, West Java

- Successfully maintained up to 85% client website retention rate, ensuring long-term performance stability and client satisfaction.
- Improved website loading speed and SEO structure, contributing to better search rankings and engagement.
- Developed and maintained websites using WordPress, ensuring functionality, security, and regular updates.
- Optimized website performance and implemented SEO best practices to improve search visibility and user experience.
- Collaborated with the design team to implement responsive web design across multiple devices and screen sizes.

EDUCATION

Bachelor of Informatics Engineering (S1 Teknik Informatika)

Universitas Teknologi Bandung

Sept 2021 – Nov 2025

Bandung, Indonesia

- GPA: 3.75 / 4.00 — Graduated with Distinction
- Relevant Coursework: Object-Oriented Programming, Web Application Development, Database Management Systems, Software Engineering, Data Structures & Algorithms, Systems Analysis & Design

CERTIFICATIONS

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| • SAP Training – System Applications and Products in Data Processing PT Kino Indonesia | 2026 |
| • Data Science Fundamentals Dicoding Indonesia | 2025 |
| • ISO 14001 Environmental Management System PT Kino Indonesia | 2025 |
| • Customer & Professional Work Culture (Disney Framework) PT Kino Indonesia | 2025 |
| • Website Development & UI UX Design (Study Independent Batch 7) | 2025 |