

## Web Engineer | Fullstack Developer

Versatile Web Engineer with a strong background in fullstack web development, system integration, and infrastructure observability. Proficient in building robust backend services and crafting user-centric frontend interfaces using modern frameworks. Adept in translating business requirements into scalable architecture, and experienced in collaborating across teams to deliver secure, high-performance web applications.

### ABOUT ME

Versatile Web Engineer with a strong background in fullstack web development, system integration, and infrastructure observability. Proficient in building robust backend services and crafting user-centric frontend interfaces using modern frameworks. Adept in translating business requirements into scalable architecture, and experienced in collaborating across teams to deliver secure, high-performance web applications.

### COMPUTER SKILLS

#### Backend

Laravel, Express.js (Node.js), REST API, JWT, Queue Workers

#### Frontend

React.js, Vue.js, Next.js, Nuxt.js

Ant Design, Material UI, ShadCN, Bootstrap, TailwindCSS

#### Databases & Storage

MySQL, MariaDB, PostgreSQL, Redis, MinIO (S3-compatible)

#### Monitoring & DevOps

Grafana Stack ( Alloy, Loki ), Wazuh Stack, Prometheus, Docker, Git

### EDUCATION

Informatics Management

From August 2017 to October 2020

State Polytechnic of Sriwijaya Palembang

### WORK EXPERIENCE

Web Engineer

Since September 2024 (9 months)

OXY Creative Jakarta Selatan, JK, Indonesia

- Led frontend development for **Boyer Inc.**, a US-based heavy equipment company, creating a web-based inventory management system for managing assets, stock movements, and operational data.
- Delivered tailored frontend solutions based on client specifications and real-time feedback, utilizing Next.js with custom components to ensure usability, responsiveness, and clarity.
- Handled defect resolution and feature iterations by maintaining close communication with stakeholders and testing teams.
- Designed and implemented a comprehensive **server observability suite** for infrastructure monitoring across critical dimensions including website availability, vendor connectivity, API health, resource utilization (CPU, memory, disk), network traffic patterns, SSL certificate status, firewall integrity, and security threat detection (e.g., DDoS, brute-force). Worked closely with DevOps engineers to deploy and maintain the monitoring stack—leveraging **Grafana**, **Grafana Alloy**, **Loki**, **Wazuh Stack**, and **Uptime Kuma**—all containerized with **Docker** for scalability, high availability, and operational efficiency.

# WORK EXPERIENCE

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Fullstack Developer

From March 2024 to June 2025 (1 year)

PT. Immobi Solusi Prima Jakarta Selatan, JK, Indonesia

- Led frontend development of **AVP**, a centralized dashboard container platform used by Telkomsel to embed and manage diverse internal dashboards built with PowerBI, Grafana, Tableau, and React.
- Designed and implemented complex, dynamic user interfaces using Next.js and Ant Design to meet specific business and UI/UX requirements from multiple stakeholders.
- Developed reusable components for handling iframe-based embedding with contextual behaviors such as loading states, error boundaries, and dynamic height adjustment.
- Collaborated closely with UI/UX designers and product owners to translate high-fidelity mockups into responsive, accessible, and pixel-perfect implementations.
- Integrated seamless user experiences with backend services to support features such as secure single sign-on (SSO), access control workflows, dynamic dashboard visibility, and large-data export.
- Contributed to frontend architectural decisions to ensure modularity, performance optimization, and maintainability in a rapidly evolving environment.

Web Developer

From March 2024 to April 2025 (1 year)

PT. Trisan Esa Cipta Palembang, SL, Indonesia

- Developed an internal management system for a residential property development company, automating workflows from housing catalog to construction and sales.
- Implemented modules for managing residential data, unit blueprints, construction progress tracking, and sales processing (including document validation, client onboarding, and legal compliance).
- Built systems for workforce payment scheduling, building material inventory tracking, order processing, and material usage logging (incoming/outgoing).
- Integrated backend logic for complex business rules and ensured data integrity across procurement, construction, and finance departments.

Web Engineer

From February 2022 to March 2024 (2 years+)

OXY Creative Jakarta Selatan, JK, Indonesia

- Developed multiple applications focused on identity verification and onboarding automation:
  - **NeoDigi**: Built for cooperative institutions to onboard new customers by integrating with Dukcapil (Indonesia's civil registry) for data and facial biometric validation, and BI checking for credit assessment.
  - **Seken**: Onboarding platform for car rental businesses and clients, with secure data validation and business eligibility checks.
  - **Data Cleansing Engine**: Designed an event-driven microservice system to detect and flag duplicate records in large datasets using biometric matching and similarity scoring.
- Architected reliable, asynchronous workflows using RabbitMQ as a message broker between services.
- Ensured scalability and fault tolerance across services handling millions of personal records.

Fullstack Developer

From February 2021 to February 2022 (1 year)

PT. Hedo Global Technology Palembang, SL, Indonesia

- Developed and maintained a comprehensive warehouse inventory system encompassing modules such as stock tracking, item movement, order management, damaged goods handling, and reporting.
- Integrated real-time stock synchronization with an external e-commerce platform, ensuring consistent inventory data across sales channels.
- Contributed to backend optimization and refactoring to improve performance and maintainability of legacy systems.