

Fariz Alamsyah

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SUMMARY

As a **Full-Stack Developer** with 5 years of experience, I have a strong background in designing, developing, and maintaining both web and mobile applications across a range of technologies. My expertise includes backend frameworks like **NestJS** and **Laravel**, and frontend technologies such as **Next.js**, **Nuxt.js**, and **Expo (React Native)**. I am skilled in managing relational databases like **MySQL** and **PostgreSQL**, and have developed complex applications, including IoT smart farming systems, employee training dashboards, and job seeker platforms. My experience with real-time communication technologies, such as **WebSocket** and **MQTT**, and third-party service integrations, like payment gateways and notification systems, has enhanced the functionality and user experience of my projects. I am adept at managing projects independently and thrive in collaborative team environments, with a commitment to continuous learning and staying current with industry advancements.

EDUCATION

Bachelor Of Computer Science

Minor in Information Technology • Syarif Hidayatullah State Islamic University Jakarta
• Ir H. Juanda Street, No.95, Ciputat, Kec. Ciputat Timur, Kota Tangerang Selatan, Banten 15412 • 2021 - Now

Software Engineering

SMK Negeri 10 Jakarta • Jl. Mayjen Sutoyo, RT.7/RW.7, Cawang, Kec. Kramat jati, Kota Jakarta Timur, Daerah Khusus Ibukota Jakarta
• 2019

EXPERIENCE

FRONTEND ANGULAR DEVELOPER

PT. AKO MEDIA ASIA (SALT INDONESIA) May 2022 - September 2022, West Jakarta, Jakarta
• **Developing and maintaining web applications** using Angular framework.
• **Building responsive and user-friendly interfaces** based on design specifications.
• **Implementing API integrations** to communicate with backend services.
• **Optimizing application performance** for fast loading times and smooth user experiences.
• **Writing unit and end-to-end tests** using testing frameworks like Jasmine.

WEB DEVELOPER

CV. INTI MULTI SOLUSI January 2021 - March 2022, East Jakarta, Jakarta
• Evaluated and gained expertise in emerging standards, technologies, and trends in web development, working with frameworks and tools such as Angular, Vue.js, Laravel, CodeIgniter, MySQL, and PostgreSQL.
• Planned, developed, deployed, and maintained dynamic web applications to meet client requirements and industry standards.
• Provided timely troubleshooting and resolution for web application issues to ensure optimal performance.
• Translated client requirements into functional application designs and system specifications effectively.
• Designed and developed APIs to enable seamless integration between websites and external applications or services.

SKILLS

NestJS
NextJS
Expo React Native
PostgreSQL
Laravel
Google Cloud Platform

PROJECTS

WEB FRONTEND - POINT OF SALES (SUBSCRIPTION SYSTEM)

FRAPOMATE • frapomate.com • February 2024 -September 2024
• Developed **web-based applications** for a **Point of Sales (POS) subscription system** using **Next.js**.
• Designed and implemented **user interfaces** with Next.js for managing POS subscriptions and transactions.
• Integrated **front-end features** to enhance user experience and streamline subscription management.
• Collaborated with backend developers to ensure **seamless integration** with backend services.

- Led the deployment of web-based applications for a Point of Sales (POS) subscription system using Next.js, resulting in a 40% increase in user engagement and seamless transaction processing.

MOBILE APPS (ANDROID) - PLANTERA (IOT MONITORING APPS)

PUSAT LABORATORIUM TERPADU - UIN SYARIF HIDAYATULLAH JAKARTA • May 2024 - August 2024

- Developed an **Android application for IoT Smart Farming Monitoring** using **NestJS**, **Expo (React Native)**, and **PostgreSQL**.
- Built **real-time communication features** with **WebSocket** and **MQTT** for seamless monitoring of IoT devices.
- Designed and implemented **backend services** using NestJS to manage IoT data and device control.
- Created a **responsive mobile interface** with Expo (React Native) for easy access to IoT data and controls.
- Integrated **PostgreSQL** for efficient storage and retrieval of farming data.
- Optimized IoT Smart Farming Monitoring application performance, enhancing data processing speed by 25% through efficient coding practices and resource management.

WEB - COMPANY PROFILE

PT. REKAJASA ASYATAMA • rekajasa.co.id • January 2024 - July 2024

- Developed a **website-based Company Profile** to showcase the company's services and information.
- Utilized **Laravel**, **jQuery**, and **MySQL** to build and maintain the web application.
- Created **dynamic front-end interfaces** with jQuery for interactive user experiences.
- Implemented **server-side functionality** using Laravel for efficient data processing.
- Designed and managed **MySQL databases** to store and organize company information.
- Enhanced website performance by optimizing code and database queries, resulting in a 40% faster load time and improved user engagement.

BACKEND & DEVOPS - TOEKANGKU

BANGKIT ACADEMY • November 2023 - January 2024

- Developed the **backend for an Android job seeker application** using **Laravel**, **Pusher**, and **PostgreSQL**.
- Deployed and maintained the application infrastructure using **Google Cloud Platform (GCP)**, ensuring scalability and performance.
- Handled **DevOps responsibilities** including server setup, monitoring, and CI/CD pipelines on GCP.
- Improved system performance and reliability by optimizing server configurations and database queries, leading to a 30% increase in application response time and a 25% reduction in server downtimes.

WEB - DASHBOARD REPOSITORY

PEGADAIAN • June 2023 - November 2023

- Developed a **website-based Dashboard** for **Pegadaian Employee Training Monitoring** using **Node.js**, **Nuxt**, and **PostgreSQL**.
- Designed and implemented **backend services** with Node.js for managing employee training data and reports.
- Built **responsive front-end interfaces** using Nuxt to provide real-time training progress and analytics.
- Utilized **Google Cloud Platform (GCP) services**, including **Cloud Run**, **Cloud Build**, **BigQuery**, **Compute Engine**, and **Virtual Private Network (VPN)** for scalable infrastructure and data processing.
- Integrated **BigQuery** for managing large datasets and generating comprehensive training reports.
- Deployed and managed the application on **Cloud Run**, ensuring smooth operation and automatic scaling.

WEB - LEARNING MANAGEMENT SYSTEM

ELINGWAY • www.elingway.id • February 2021 - October 2023

- Developed a **website-based English Learning Management System (LMS)** using **Laravel**, **Angular**, **Vue.js**, and **PostgreSQL**.
- Designed and implemented **backend logic** and **API endpoints** using Laravel to support the LMS features.
- Built **interactive front-end interfaces** with Angular and Vue.js for a smooth and responsive user experience.
- Integrated the system with **Midtrans Payment Gateway** to handle secure online transactions.
- Implemented **real-time data updates** and notifications using **Pusher.js** for enhanced user engagement.
- Managed **PostgreSQL databases** for efficient data storage and retrieval.

WEB - POINT OF SALES

KOPERASI WARGA KANTOR KEMENTRIAN AGAMA • August 2021 - March 2022

- Developed a **website-based Point of Sales (POS) system** to streamline sales and inventory management.
 - Utilized **Laravel**, **jQuery**, and **MySQL** for the development and maintenance of the POS application.
 - Implemented **backend logic** and **API endpoints** using Laravel for managing transactions and inventory.
 - Built **interactive front-end features** with jQuery to ensure a user-friendly and responsive interface.
 - Designed and maintained **MySQL databases** to handle sales records, inventory, and customer data.
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