



Ega Gofur Triwahana

Full Stack Engineer

OBJECTIVE

Highly motivated Full Stack Engineer with proven expertise in both frontend and backend development. Seeking to leverage my skills in a challenging and innovative environment, with the goal of contributing to a dynamic team and delivering impactful software solutions.

EXPERIENCE

PT. Digdaya Olah Teknologi Indonesia, Malang — Full Stack Engineer

Jan 2024 - PRESENT

- Developed and maintained RESTful APIs and scalable database schemas, ensuring data integrity and optimal performance.
- Delivered fully functional web applications, achieving high standards in both frontend and backend performance.
- Managed robust database systems using MySQL and SQL Server, enhancing data handling efficiency.
- Championed best practices in code quality, version control, and collaborative development processes.

PT. Digdaya Olah Teknologi Indonesia, Malang — Frontend Engineer Intern

Jan 2023 - Jan 2024

- Designed and implemented responsive UI components using React JS, significantly improving user experience.
- Worked closely with a cross-functional development team to deliver interactive and high-performance web applications.
- Increased team productivity by integrating modern development tools and agile methodologies into the workflow.

PROJECTS

PAMAFix SAP - Opex Capex, 2024 — Fullstack Engineer

PAMAFix Opex Capex is a module developed by PAMAFix to manage and maintain company finances. This makes it possible to report expenses related to operational activities.

SKILLS

Frontend:

React.js, Next.js, Svelte, Tailwind CSS, Shadcn UI, Ant Design, Inertia.js.

Backend:

Node.js, Nest.js, Hono, Express.js, Laravel.

Database:

PostgreSQL, MySQL, MongoDB.

Other:

Agile Methodologies, OOP, Functional Programming, Version Control (Git).

LANGUAGES

Bahasa Indonesia (Native)

English (Functional)

- Developed an **interactive IBS page** featuring an expandable table, enabling users to easily drill down into detailed financial data.
- Engineered a **dynamic summary data table for Opex** that adapts to different reporting periods, supports over **18 columns**, and includes a **column management feature** for enhanced user control.
- Implemented the **Budget vs Actual report** functionality by processing and transforming **complex financial datasets** into actionable insights for business users.
- Built a **comprehensive Capex summary** with advanced table merging techniques, simplifying the presentation of intricate data structures for end-users.

PAMAFix SAP-OTC, 2024 - Full Stack Engineer

Pamafix SAP is a revamp project transforming a monolithic application into a microservices architecture. This application is developed to accommodate all stakeholders, including suppliers, counters, cashiers, and others, for recording all transaction processes. Key features include the creation of Berita Acara, Master Data and Invoice (Pending Task and Bukti Potong

- **Dynamic Form Handling** – Implemented dynamic and highly flexible forms using Ant Design (AntD), ensuring seamless user interactions with strict validation powered by Zod.
- **Robust Error Handling** – Developed a resilient frontend capable of handling errors gracefully, optimizing performance in a microservices environment built with .NET.
- **Microservices Collaboration** – Worked closely with backend teams to ensure seamless integration and maintain the scalability of microservices.
- **Bug Fixing & Best Practices** – Provided ongoing support for bug fixes while implementing industry best practices to enhance frontend performance, maintainability, and user experience.

Mind-ID Portal Recruitment, 2024 - Full Stack Engineer

Recruitment Mind-ID is a portal that provides an integrated platform for employee recruitment systems in various affiliated companies such as its subsidiaries. The main aim is to make it easier for prospective employees to access information related to job vacancies in these companies, as well as making it easier for companies to monitor the implementation of their recruitment plans.

- Spearheaded the integration of a frontend landing page using Next.js 14 and Shadcn UI, enhancing user engagement.
- Maintained high code quality by adhering to industry best practices, ensuring a smooth user experience.
- Designed and implemented a multi-tier approval flow, optimizing the recruitment process across multiple subsidiaries.
- Enhanced candidate screening features, streamlining the recruitment process and improving efficiency.

Kalla Property, 2024 - Full Stack Engineer

The Kalla Property website is a website that provides a selection of superior, innovative properties and offers property buying and selling and renting. The website's services include internal management, unit leasing, casual leasing areas for events and exhibitions as well as a

representative office building for all clients.

- Created a dynamic document generation system, enabling the automatic creation of user-specific PDFs.
- Developed a comprehensive full-stack web application, managing both backend logic with Nest.js and frontend design with React.js.
- Successfully designed a scalable MySQL database, ensuring fast and reliable data access.

DPR Open Data, 2023 - Frontend Engineer Intern

DPR Open Data is the official open data portal belonging to the DPR RI which contains data from Regional Apparatus in Indonesia to meet the public's need for quick access to accurate and accountable data and information.

- Engineered a high-performance website using Next.js 13 and Tailwind CSS, delivering an optimal user experience.
- Integrated complex APIs, ensuring seamless and secure access to diverse data sources.
- Designed a visually appealing and informative landing page, simplifying data comprehension for users.
- Established efficient backend workflows for data creation and release, significantly boosting productivity and reducing release times.

PAMA - Tax System, 2023 - Frontend Engineer Intern

Web based application integrated with PAMAFIX and Ellipse data, provide requirement to create Tax Home Statement and Project Monitoring to support performance for users on tax division.

- Played a key role in the development of a complex ERP system website, ensuring tight data validation and system integration.
- Addressed technical challenges in data validation and processing, implementing innovative solutions to enhance website security and performance.
- Refined skills in data validation, processing, and ERP system integration, contributing to improved system security and operational efficiency.

Internal Monitoring Project (Backoffice DOT Indonesia), 2023 - Frontend Engineer Intern

- Developed and maintained a comprehensive project monitoring system used by project managers to oversee and manage ongoing projects.
- Implemented features for project checklist management, payment milestones tracking, and talent management, enabling more efficient project oversight.
- Provided ongoing support and maintenance to ensure the system's reliability and effectiveness, directly contributing to improved project management processes.

TRAININGS & CERTIFICATIONS

Bootcamp Frontend Developer

SMKDEV, SMKDEV/SBC/VII/2023-FE064

IDCamp 2023 - React Developer

Dicoding Indonesia, 0LZ0Q2W9QZ65

Memulai Pemrograman dengan Dart

Dicoding Indonesia, EYX4YJYKRZDL

Belajar Membuat Aplikasi Web dengan React

Dicoding Indonesia, 0LZ0Q2W9QZ65

Belajar Membuat Front-End Web untuk Pemula

Dicoding Indonesia, N9ZO55LRDPG5

Belajar Dasar Manajemen Proyek

Dicoding Indonesia, KEXL0DRRRPG2

Problem Solving (Basic)

HackerRank, 1758bfacb272

Belajar Dasar Pemrograman JavaScript

Dicoding Indonesia, RVZK6YVEQZD5

Belajar Dasar Pemrograman Web

Dicoding Indonesia, 0LZ01YR5RP65

ORGANIZATION

KOPICO (Komunitas Pingin Coding), Malang — *Chairman*

2023 - PRESENT

- Founded and led a coding community aimed at providing an online platform for Q&A and learning, fostering collaboration and skill development among members.
- Successfully grew the community to over 800 members, creating a vibrant environment for knowledge sharing and continuous learning.
- Organized and facilitated various online events and discussions, ensuring active participation and engagement within the community.

EDUCATION

SMK Negeri 1 Kepanjen, Malang — *Computer Software Engineering*

2021 - 2024

- Completed 1.5 years of a 3-year program, accelerating my learning and gaining hands-on experience through a 1-year internship at DOT Indonesia, where I became the youngest Full Stack Engineer at

age 18.

- Founded and led a coding community (KOPICO) during my studies, fostering a collaborative learning environment for fellow students.
- Actively contributed to school programming projects, offering peer support and sharing knowledge, driven by a passion for self-learning and a strong commitment to mastering software engineering independently.