Adif Dwi Maulana

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Profile Summary

Fullstack Engineer with 5+ years of experience in building and maintaining web applications. Proficient in JavaScript, TypeScript, and cloud technologies, with a strong focus on NestJS for the backend and React/Next.js for front end. Experienced in managing cloud infrastructure using AWS and Terraform, and utilizing services like Redis, SQS, SNS, S3, ECS, and RDS. Passionate about solving complex problems and transforming ideas into functional product.

Education Background

Bachelor of Engineering | Mechatronics Engineering   Surabaya
Electronics Engineering Polytechnics Institute of Surabaya   2016 - 2020
GPA: 3.40/4.00
Thesis: License Plate Recognition System using End-To-End Network based Deep Learning Method

Professional Experience

TRAVELOKA | Travel & Accommodation   Jakarta
Full Stack Engineer   Aug 2023 – Present
- Developed troubleshooting tools to resolve hanging data, resulting in reduced on-call efforts and increased engineering productivity.
- Implemented caching mechanism, resulting in increased API throughput up to 500%.
- Developed dashboard to handle finance documents and transaction reporting.

Skills: Java Spring Boot, PostgreSQL, AWS, Terraform, Docker

Software Engineer Web   Jan 2022 – Jul 2023
- Developed internal tool to assist business team in monitoring and handling Traveloka's food delivery transactions.
- Built website application to automate manual back-office administration processes, resulting in decreased redundancy and manual workloads.
- Conducted code review and regularly shared knowledge to ensure codebase quality and maintainability.
- Actively participated and contributed to the internal tech team project initiatives.

Skills: React/Next, Typescript, Redux, Design System, REST API

ALTERRA ACADEMY | EdTech   Jakarta
Frontend Mentor   Feb 2022 – Jul 2022
- Mentored 20 students, including 25% from non-tech backgrounds, in the skills and knowledge from scratch to become a professional Frontend Engineer on 6 months program.
- Assisted 50% of the students to land job and internship opportunities in the industry, providing guidance on resume building, interview preparation, and job search strategies.
- Implemented training plans and materials, including lectures, workshops, and hands-on projects to prepare students with real industry experience.

Skills: Vue, Typescript, Node.js

BONZA | Data Analytics   Jakarta
Frontend Engineer   Jul 2021 – Dec 2021
- Developed a graph-based fraud detection dashboard and alerting system to track suspicious activity for FinTech company.
- Provided valuable input at design critiques, considering feasibility and proposing optimal approaches from the engineering perspectives.
- Created reusable component library to improve design consistency, resulting in reduced development time and increased team productivity.

Skills: Vue/Nuxt, Typescript, Chart, Graph, REST API, Design System

DATACAKRA | Internet of Thing   Jakarta
Frontend Engineer   Sep 2020 – Jun 2021
- Developed real-time website application to monitor IOT devices and display visualization in a dashboard, equipped with an alerting system to detect and report anomaly activities.
- Collaborated with the development team to gather client requirements and proposed effective solutions.

Skills: React/Next, Node.js, Web Socket, Chart, SQL, Linux Server

Core Competencies

- Reactjs / Nextjs
- Vuejs / Nuxtjs
- Typescript

- Node.js / Express
- PHP / Laravel
- Java / Spring Boot

- PostgreSQL
- MongoDB
- AWS, GCP, Firebase
- Terraform

Project

Santrichain.id
Backend Engineer
Building a Point of Sales system to support merchants manage transactions on santrichain.id platform. The project was built using NestJS, MongoDB, and Whatsapp Web API (OTP).

Simirah
Full Stack Engineer
Building a cooking oil distribution monitoring system for Ministry of Industy of Indonesia. The project was built using Laravel 8 and bootstrap for the UI.

Volunteer Experience

PYTHON CONFERENCE   Jakarta
Web Developer Coordinator   Nov 2020 & Dec 2021
Designed and built the official website of the largest Python Conference in Indonesia, serving as the primary source of information for the participants.

Honors & Awards

3rd Place: Finance & Health Hackathon – Ministry of Finance x Ministry of Health **(Nov 2022)**
Favorite Team: Shipper Hackathon – Shipper Indonesia x Amazon Web Service **(Apr 2021)**
1st Place: UNY National Innovation Technology – Universitas Negeri Yogyakarta **(Sep 2020)**
Top 4: Jakbee Hackathon – BAZNAS DKI Jakarta **(Dec 2019)**
1st Place: Web Design Competition – Politeknik Negeri Malang **(Sep 2019)**
Finalist: Engineering Education Festival – PICEE South Korea **(Oct 2018)**
Finalist: Energy Saving Car Contest – Ministry of Education **(Nov 2017)**
1st Place: Achieved the highest score in the National Exam for Junior High School in Probolinggo District – Ministry of Education **(Aug 2013)**

Certification

- AWS Technical Essentials – Amazon Web Service
- Architecting on AWS – Amazon Web Service
- Advance Developing on AWS – Amazon Web Service
- Responsive Web Design Certification - FreeCodeCamp
- Mobile Web Specialist – Google Developers