Fathoni Zikri Nugroho

Full Stack Engineer | Back End Developer

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Summary

Enthusiastic Full Stack Engineer with a strong foundation in software engineering and hands-on experience building scalable, production-ready applications. Proficient in backend development using Node.js and Golang, with exposure to frontend technologies like Angular, React, and Next.js. Passionate about building impactful products and writing clean, efficient code. Adept in REST/gRPC APIs, databases, CI/CD, and containerization. A proactive problem solver with excellent communication skills, ready to thrive in collaborative, fast-paced environments and consistently delivering reliable, high-quality solutions.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, Go
- **Backend:** Node.js (Express, Nest), Golang (Gin, Fiber), REST API, gRPC
- **Frontend:** React, Next.js, Vue, Angular, Tailwind CSS, Bootstrap
- **Database:** MySQL, PostgreSQL, MongoDB
- **Cloud & DevOps:** Docker, Kubernetes, OpenShift, GCP, GitLab CI/CD
- **Tools:** Git, Postman, Swagger, Figma, DBeaver
- **Other:** Redis, Kafka, Agile/Scrum, Software Design Patterns

Work Experience

Full Stack Engineer

Central Jakarta, Jakarta

PT. Pentadata Infokom Persada, Full Time — Nov 2024 – Present

- Developed scalable web applications using Angular, Express, Next.js, and Golang.
- Built microservices with REST/gRPC and managed PostgreSQL databases.
- Implemented CI/CD pipelines with GitLab, Docker, Kubernetes, and OpenShift.
- Integrated Redis and Kafka for caching and asynchronous messaging.

Application Developer Intern

East Jakarta, Jakarta

PT. Saka Farma Laboratories (Kalbe Consumer Health), Internship — May 2024 – Nov 2024

- Built web and mobile applications based on user requirements using **React (Next.js)** and **Golang**.
- Assisted the technical lead in creating and organizing code structures based on given requirements.
- Collaborated with the technical lead and business analyst to deliver efficient and effective code solutions.

Backend Developer

Bandung, West Java

PT. Solusi Infotech Semesta Indonesia, Contract — Sep 2023 – Des 2023

- Built REST APIs according to requirements using **Node.js** with the **Express** framework and databases such as **MySQL** and **PostgreSQL**.

- Handled client and user requests for feature enhancements and additions, ensuring timely and accurate implementation.
- Collaborated with the back-end team using GIT and created API documentation for the front-end team using Postman.

Backend Developer Intern   South Tangerang, Banten

PT. Menara Indonesia, Internship   Feb 2023 – Jun 2023
- Participated in the Kampus Merdeka Batch 4 Independent Internship program.
- Developed back-end services for the Kampusgratis platform and a Credit Scoring system using **Node.js** with **Express/TypeScript** and **PostgreSQL/MongoDB**.
- Implemented CI/CD pipelines using GitHub and Google Cloud Platform (GCP).

Education

Universitas Pendidikan Indonesia   Bandung, West Java

Bachelor of Computer Science, Software Engineering   Aug 2020 – Aug 2024
- GPA : 3.77/4.00
- Relevant Coursework : Data Structure And Algorithm, Requirements Analysis And Software Design, Calculus, Discrete Math, Linear Algebra, Software Modeling, Database, Advanced Database, Informatics Logic, Object Oriented Programing, Web Programing, Software Construction.

Bootcamp & Trainings

Golang Backend Development Trainee   Remote

Sanbercode, Intensive Bootcamp   Jul 2023 – Aug 2023
- Sanbercode Intensive Bootcamp Batch 48 participant
- Building REST APIs and API Documentation with **Gin**, **GORM** and **Swaggo**
- Build e-commerce API as a Final Project using **Go/Gin** and **MySQL** as DB

Backend Javascript Trainee   Remote

Binar Academy, Independent Study MSIB 3 (Bootcamp)   Aug 2022 – Dec 2022
- Kampus Merdeka Batch 3 Independent Study Participant
- Developing REST API for Angkasa, a website for reserve or buy plane tickets online as a final project.
- Learned how to build and develop a backend service using **Javascript/Node.js/Express.**

Certifications

Google Cloud Skill Boost

Juara GCP Season 7   Jan 2022

Dicoding Indonesia

Cloud Practitioner Essentials   Jan 2023

Back-end for Beginner   Jan 2023

Javascript programming Fundamentals   Dec 2022

SOLID Programming Principles   Feb 2022

Projects

- **Pentadata (2025)** -- Pentadata's company profile website showcases its expertise in delivering innovative IT solutions.
- **Go-Global (2024) --** Web-based application with Market Analysis and Development modules designed to streamline global product assessment.
- **EDCIVIQ (2024) --** Digital-based learning media for Pancasila Education subjects in elementary schools with the theme of rights and obligations as citizens. Created using MERN stack.
- **BOMA (2023) --** Web profile for BOMA (Badan Olahraga Mahasiswa). Created using React and Tailwind.
- **Restoorder (2023) --** Website that helps customer to order food from their phone as a menu book. Vue.Js is used for frontend side and Node.js with Express/MongoDB as a back end.
- **Kampusgratis API (2023) --** LMS for students learning outside his college for free and get credits to converted. Created using Node.js backend with Express/Postgresql.
- **Credit Scoring API (2023) --** A web application that helps credit companies to determine the eligibility status of its customers before applying credits. Created using Node.js backend with Express/MongoDB.
- **Angkasa API (2022) --** Rest API for online plane ticket booking. Created using Node.js back end with Express/Postgresql.

Organizations

- **Information Media Department Lead –** UPI Sports Student Association (2023)
- **Legislative Department Lead –** Software Engineering Student Association (2022)

Volunteering

- **Chief** -- "Musyawarah Mahasiswa HIMA-RPL" by HIMA-RPL (2023)
- **Discipline Committee Lead** -- "MOKAKU UPI CIBIRU" by BEM UPI CIBIRU (2022)
- **Event Division Lead** -- "Legislative Training" by HIMA-RPL (2022)
- **Event Division Lead** -- "MABIM RPL" by HIMA-RPL (2022)
- **Event Division Staff** -- "Ekspedisi Biru" by BEM UPI CIBIRU (2022)
- **Discipline Committee Staff** -- "UPI Cibiru Student Leadership Training" by BEM UPI CIBIRU (2021)