



Subhan Nizar

Fullstack Engineer

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👤 Profile

Fullstack Engineer (9+ years) specializing in Python (FastAPI/Flask) and Node.js (NestJS) for scalable backend, alongside React/Next.js and Vue.js for high-performance frontends. Proven track record in automating data pipelines for government health sectors and developing SaaS platforms for international markets.

💼 Work Experience

August 2024 –
October 2025

Fullstack Engineer At Flowclass

Hongkong SAR

Developed web applications with React/Next.js and NestJS, focusing on APIs, automation workflows, and database optimization.

August 2023 –
August 2024

Self Employee

Mataram,
Indonesia

Freelancer Fullstack Engineer
Handling several project from community and Indonesian Ministry of Health.

2021 – July 2023

Quokka HR

Wan Chai,
Hongkong Island

Fullstack Engineer
Quokka is a Software-as-a-Service (SaaS) employee engagement platform that develops engaged & high-performing teams. I helped this company for 2 years to develop and maintain the main platform based on the Front-end side. Refactor the base code from Vue.js to Vue3 and make the code cleaner. And also build web official website of company using Webflow.

2017 – 2021

ITEC Mataram

Mataram,
Indonesia

Fullstack Engineer

ITEC Mataram is a software house that handles several projects in West Nusa Tenggara Government. And also a course institution located in the city of Mataram that provides various kinds of course programs. Here I'm a mentor, handling several projects and building its own POS(Point of Sales) project.

2016 – 2017

Lombok CyberLab
Junior Full Stack Engineer

Mataram,
Indonesia

Education

2013 – 2016

Hamzanwadi University
D3 Management Information

Selong, Indonesia

Languages

Bahasa Indonesia

English

Skills

VueJS	● ● ● ● ●	React.js	● ● ● ● ●
TypeScript	● ● ● ● ●	Javascript	● ● ● ● ●
Python	● ● ● ● ●	Flask	● ● ● ● ●
SQLAlchemy	● ● ● ● ●	Docker	● ● ● ● ●
NodeJS	● ● ● ● ●	HTML & CSS	● ● ● ● ●
Next.JS	● ● ● ● ●	Nuxt.js	● ● ● ● ●
Git	● ● ● ● ●	Tailwind	● ● ● ● ●
Vite	● ● ● ● ●	Nginx	● ● ● ● ●
Redis	● ● ● ● ●	Celery	● ● ● ● ●
PostgresSQL	● ● ● ● ●	MySQL	● ● ● ● ●
NodeJs	● ● ● ● ●	NestJS	● ● ● ● ●
React Native	● ● ● ● ●	Apache Airflow Pandas, Dask, Python	● ● ● ● ●
Automation n8n	● ● ● ● ●		

Projects

August 2024 – 2025

FlowClass - EdTech Platform

Fullstack Engineer – FlowClass Project

FlowClass is an education technology platform designed to streamline course enrollment, invoicing, and automated reminders for students and institutions. The system supports dynamic workflows for managing classes, billing cycles, and prerequisites, with seamless integration between the frontend (React/Next.js) and backend (NestJS + PostgreSQL). It also leverages **n8n** for task automation and reminders, ensuring efficient and scalable operations.

Skills:

- **Frontend:** React, Next.js, TypeScript, Tailwind CSS, i18n
- **Backend:** NestJS, TypeORM, Node.js, REST API, PostgreSQL
- **Automation & Workflow:** n8n
- **Database & Data Processing:** PostgreSQL (query optimization, JSON aggregation)
- **Tools & DevOps:** Git, GitLab CI/CD, Docker, Nx Monorepo
- **Other:** API Integration (Google Drive, i18n), Code Review & Documentation, Agile Collaboration

January 2024 –
August 2024

Automation Fetching And Cleaning Data BPJS at Minister of Health of the Republic of Indonesia

Architected automated data pipelines using Apache Airflow and Python to process and clean BPJS health data, ensuring 100% data integrity for Ministry of Health stakeholders.

Skills: Python, Dask, Distributed, Pandas, Nest.js, Postgres and Apache Airflow.

November 2023 –
June 2024

Ludes.in ↗

Ludes.in is a point of sales system that helps UMKM to manage the transaction and inventory.

Responsibilities:

- Collaborating with UI/UX, Front-end Engineer and Product Manager
- Developed and maintained Rest-APIs to make sure the communication between backend and front-end is working.
- Write unit-tests to make sure each function works well.
- Review and Approve PR that made by the another team member

Skills: Node.js, React.js, Nest.js, PostgreSQL, React-Native, React.js, Tailwind CSS, Figma, Git

October 2021 –
July 2023

QuokkaHR People Management ↗

is a SASS cloud-based people management platform which helps companies to develop engaged and high performing teams.

Responsibilities:

- Collaborating with UI/UX, Backend Engineer and Product Manager
- Developed and maintained web-service and APIs to make sure the communication between backend and front-end is working.

- Daily standup with CEO and CTO
- Lead a front-end team.
- Review and Approve Pull-Request that made by the another team member
- Develop a backoffice to manage the companies that registered in platform

Skills: Vue.js, Vite, Nuxt.js, Python, Flask, Apollo GraphQL, PostgreSQL

October 2021 –
Present as Maintainer

Employee Management System at Bima City ↗

Employee Management System and Attendance Management System

Responsibilities:

- Work with DISKOMINFO(Dinas Komunikasi Dan Informasi) of Bima City to transform the Idea and the roles that already applied on all instances under Bima City Government to a scaled system.
- Integrating the system with E-Kinerja and building a secure transfer data protocol.
- Design system and database relation
- Develop a responsive UI and user friendly UI
- Test software to ensure every functionality is working well.
- Make sure the communication between Server and All attendance machines is working well.
- Troubleshoot, debug and maintain the system.
- Deploy the system to cloud

Skills: Python, Flask, Fast API, Vue.js, SQLAlchemy, Celery, Redis, PostgresSQL.