Subhan Nizar

Fullstack Engineer

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🪪 Profile

Middle-level Fullstack Engineer with +6 years of experience working with local companies and International Companies. Fluent with Python with framework Flask and FastAPI, Node.js with Nest.js and express at the Backend side and Javascript / Typescript with framework Vue.js and React.js at the Frontend side. And also familiar with popular SQL Databases such as MariaDB, MySQL and PostgreSQL. Otherwise at the front-end stack, I'm familiar with styling with CSS / SCSS and other css libraries such as Tailwind, Bootstrap, and Material-UI.

💼 Work Experience

August 2023 – present	**Self Employee** Freelancer Fullstack Engineer Handling several project from community and Indonesian Ministry of Health.	Mataram, Indonesia
2021 – July 2023	**Quokka HR** 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.	Wan Chai, Hongkong Island
2017 – 2021	**ITEC Mataram** ⬈ 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.	Mataram, Indonesia
2016 – 2017	**Lombok CyberLab** Junior Full Stack Engineer	Mataram, Indonesia

🎓 Education

| 2013 – 2016 | **Hamzanwadi University** | Selong, Indonesia |
| | D3 Management Information | |

🌐 Languages

| Bahasa Indonesia | English |

🧠 Skills

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

📚 Courses

Server Side Rendering using React and Redux ⇗
Udemy

📁 Projects

January 2024 –
present

Automation Fetching And Cleaning Data BPJS at Minister of Health of the Republic of Indonesia
Automation fetching and cleaning data BPJS at Minister of Health of the Republic of Indonesia
Responsibilities:

- Design, implement, and manage data fetching and cleaning workflows using Apache Airflow.
- Ensure pipelines are reliable, scalable, and efficient.
- Identify and connect to various data sources, including APIs, databases, and web scraping
- Write Python scripts to automate the retrieval of data from these sources
- Validate and clean the fetched data to ensure it meets the required standards and formats
- Apply transformations to the data, such as normalization, aggregation, and parsing
- Handle missing values and enrich the data with additional information or derived metrics
- Monitor the pipelines to ensure they run smoothly and efficiently.
- Implement error handling and logging to capture task statuses and manage failures gracefully.
- Set up alerts to notify stakeholders of any issues or failures.
- Store the cleaned data in databases such as PostgreSQL or in data lakes for scalable storage solutions.
- Ensure data is easily accessible for further processing and analysis.
- Work closely with data analysts, data scientists, and other stakeholders to understand their data needs.
- Collaborate with the IT team to ensure the infrastructure supports the data pipelines effectively.
- Create Rest API to access data result and collaborate with another system.

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

September 2023 – December 2023	**Feedback, Benchmark and Automatic RMI Calculation Score at DMI** ⧉ DHIS2 custom apps at DMI Kemkes RI **Responsibilities**: • Collaborating with the DMI team to transform the Idea to a system. • Developed and maintained Feedback and Benchmark page under DHIS2. • Write periodic tasks to calculate RMI(Rekam Medis Integrasi) score automatically **Skills**: React.js, DHIS2, Python, Cron, 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. **Resposibilities**: • 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.
February 2018 – December 2021	**Landa POS** Point of Sales Platform by ITEC Mataram **Responsibilities**: • Build scalable backend and front end. • Design system and database relation • Collaboration with Mobile Developer to make Mobile platform • Test software to ensure every functionality is working well.

- Troubleshoot, debug and maintain the system.
- Deploy the system to cloud

Skills: Python, Flask, SQLAlchemy, React.js, Next.js

January 2017 – June 2017

GIS BWS NT1 ⬀

Geographic Information System of Area River at West Nusa Tenggara

Skills: Python, Flask, SQLAlchemy, jQuery, Javascript, Google Maps API