

SULEMAN MUALIM

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

I am software engineer with about 3 years of experience in web development, specializing in backend development and leveraging AI technologies and cloud services. Adept at building scalable, secure systems and fine-tuning AI solutions to solve complex problems. Passionate about leveraging modern tech stacks to drive high-quality, impactful solutions in dynamic, cross-functional teams.

TECHNICAL SKILLS

Front End | HTML, CSS, React, NextJs, Javascript, TypeScript, Tailwind-CSS, Shadcn-UI

Back End | NodeJS, MongoDB, PostgreSQL, REST-API, OAUTH2, AWS, Golang

Blockchain | Solidity, Ganache, Hardhat, Ethersjs

Testing/Deployment | Jest, Mocha, Docker, AWS

Developer Tools | Docker, Git, npm, Linux-admin

AI Tools | Langchain, OpenRouter, SuperAnnotate, LabelImg

EXPERIENCE

Backend Software Engineer Intern | HNG Tech

July 2024 - September 2024

Lagos, Nigeria

Node.js | Express | PostgreSQL

- Graduated in the top **1%**, ranking among the best out of **20,000+** participants.
- Led** a team of **60** members to deliver an MVP - **AI FOR HOMEWORK**. Greatly reducing TTL.
- Optimized task-specific **LLM** personas with **OpenRouter**, increasing task efficiency by **35%**.
- Architected a **multi-tenant** backend for a reusable **SaaS** boilerplate, improving scalability by **70%**.
- Enhanced information retrieval and generation with **RAG** techniques, speeding up data access by **35%**.

Full-Stack Software Developer | Light Alpha Dao

March 2024 - June 2024

London, UK

React.Js | Node.js | Express | Solidity | Mongo-DB

- Deployed** token smart contracts on EVM, **optimizing** transactions and cutting gas fees by **35%**.
- Built **RESTful APIs** with **Express.js** and **MongoDB** for user management, raffles, and referrals.
- Enhanced** transactions with **crypto technology**, improving payment efficiency and security by **30%**.
- Scaled** marketing solutions for Crypto/NFT projects, expanding user base and boosting engagement by **65%**.

AI Software Annotator | Daijobu Co LTD

October 2023 - February 2024

Tokyo, Japan

SuperAnnotate | Labelbox | LabelImg

- Labeled and annotated** datasets (images, text, audio) with **98%** accuracy, adhering to strict guidelines.
- Increased** annotation efficiency by **20%** through feedback on tools and processes.
- Collaborated** with developers, data scientists, and ML engineers, ensuring seamless project alignment.
- Documented** annotation processes and guidelines, streamlining future training and reference.
- Maintained** consistency and precision, achieving an error rate of less than **2%** in annotations.

PROJECTS

Full-Stack Vercel Clone

- Architected a responsive **frontend** using **Next js**, enhancing user experience and reducing page load times by **35%**.
- Engineered scalable **microservices** architecture with **Express.js**, increasing throughput by **50%**.
- Optimized static content delivery using **AWS S3**, improving global access speeds by **60%** for user data and web pages.
- Orchestrated efficient **containerization** with **Docker** and **AWS ECR**, reducing deployment times by **70%**.
- Deployed, managed servers via **AWS ECS**, **Fargate**, achieving **99.9%** uptime and auto-scaling to handle **200%** traffic spikes.
- Implemented high-speed log processing with **Kafka** and **ClickHouse**, enabling real-time analytics and reducing data processing latency by **80%**.

Galaxy Quest Mini APP

- Architected a high-performance Telegram mini-app using **Nextjs** and **React**, improving user engagement by **40%**.
- Engineered a robust backend with **PostgreSQL**, optimizing query performance by **60%** for seamless in-app transactions.
- Developed integrated mini-games, increasing daily active users by **150%** within the first two weeks.
- Scaled the application to handle **10,000+** concurrent users ensuring **99.5%** uptime in production.
- Optimized **server-side** rendering and caching, reducing API calls by **70%** and improving app responsiveness.
- Integrated analytics tools, leading to **data-driven** improvements that increased in-app purchases by **70%**.

EDUCATION

Afe Babalola University - Bachelors of Engineering, Mechanical Engineering

2019 - 2024