

SULEMAN MUALIM

SENIOR SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Senior Software Engineer with 4 years of experience in engineering, specializing in backend, Web3, AI, and cloud services. Skilled in delivering scalable, secure, end-to-end solutions and optimizing AI-driven applications to solve complex challenges. Passionate about driving impactful, high-quality outcomes within cross-functional teams.

TECHNICAL SKILLS

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

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

Testing/Deployment | Jest, Mocha, Docker, AWS, Linux-admin, Docker, Kubernetes

Blockchain | Solidity, Ganache, Hardhat, Ethersjs, viem, web3js, wagmi

AI Tools | Langchain, OpenRouter, OpenAI, SuperAnnotate

EXPERIENCE

Lead Software Engineer | Fusion Block Labs

June 2024 - October 2024

Delaware, US

Node.js | Express | PostgreSQL

- **Directed the development of an AI Agent for Smart Contract Auditing**, enforcing robust security standards that minimized vulnerabilities across **Solidity** contracts.
- **Engineered** a Community Management Agent with **RAG** pipelines, integrating Telegram and Discord to enhance community support.
- Implemented Multi-chain Authentication for **EVM** and **Solana**, establishing secure, seamless cross-chain user access.
- **Orchestrated** containerized infrastructure with **Kubernetes** and Docker, accelerating deployment and optimizing scalability.
- **Architected** a high-availability backend with **NestJS**, **GraphQL** achieving 99% uptime, - supporting modular, scalable APIs.
- Designed and implemented a performant **Next.js** UI, enhancing user interaction and experience across platforms.

Backend Software Engineer Intern | HNG Tech

June 2024 - October 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**.
- 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 WEB3 Developer | Light Alpha Dao

June 2023 - 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

December 2022 - June 2023

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.

PROJECTS

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 ***40%****.

EDUCATION

Afe Babalola University - Bachelors of Engineering, Mechanical Engineering

2019 - 2024