SIMI DA-WALANG
Frontend Engineer, Web3 Developer

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Education

Bachelor of Science, Computer Engineering** - University of Lagos, Akoka

Relevant courses: Software Engineering, C++, Relational Database Management Systems (Using MySQL), Computer Architecture, Data Science & Algorithms

Skills

Languages: TypeScript, JavaScript, HTML/CSS, C++, Solidity

Tools/ Libraries / Frameworks: ReactJS, NextJS, Tailwind, Bootstrap, web3.js, ethers.js, ganache, MetaMask, Thirdweb, Remix, Hardhat, Jest, Mocha

Work Experience

Frontend Engineer - Hardsands Technologies Limited   *July 2023 - Present*
Stack - NextJS, Chakra UI, TypeScript
- Worked in a cross-functional team to build the Hardsands web app - https://www.hardsands.com/
- Developed a data visualisation dashboard using React and ChakraUI, providing real-time insights to users.
- Collaborated with the backend team to integrate APIs and optimise data fetching
- Implemented responsive design principles, significantly improving website accessibility across various devices and browsers.
- Participated in multiple steps of the product development process, from conception to improvement of features.
- Mentored junior developers and provided technical guidance when needed.

Frontend Engineer - Rezzie   *September 2022 - June 2023*
Stack - React, Material UI, TypeScript, Redux
- Built Rezzie Resume & Cover Letter Builder https://rezzie.co/ and Job Board https://jobs.rezzie.co/
- Utilized React and Redux to develop dynamic and performant single-page applications, optimizing load times and overall user experience.
- Spearheaded the optimization of the cover letter builder, resulting in an average load time reduction of 57%
- Assisted in the migration of legacy code to modern frontend framework
- Collaborated with backend developer to integrate APIs and ensure seamless data flow.
- Actively participated in agile development processes, contributing to sprint planning, daily stand-ups, and retrospective meetings.

Frontend Engineer - Softcom Limited   *June 2021 - December 2022*
Stack - React, NextJS, Redux, TypeScript and SASS
- Utilized React and Redux to develop dynamic and performant single-page applications, optimizing load times and overall user satisfaction using
- Collaborated closely with UX/UI designers to implement visually appealing and intuitive interfaces, ensuring a seamless user experience
- Implemented colour theme customisation on Kwiksell's online store, while conforming with web accessibility principles.
- Participated in agile development processes, including sprint planning and daily stand-ups.
- Implemented automated testing frameworks and performed unit and integration testing.
- Actively participated in code reviews, providing constructive feedback and implementing best practices for code maintainability.

Frontend Developer - Freelance   *January 2020 - May 2021*
- Built fully functional and accessible web applications for numerous clients using a wide range of technologies.

Projects / Achievements

CharityHub (Vite, TypeScript, Tailwind, Solidity, Hardhat)
A decentralized app used for creating and managing crowd-funding projects (https://github.com/simidawalang/charity-hub-2.0)

ETH Messenger (React, Solidity, Hardhat)
A dApp for private text communication between ETH addresses (https://github.com/simidawalang/eth-messenger)

RPS Game (React, TypeScript, Solidity, Hardhat)
A decentralized game of rock, paper, scissors, spock and lizard, where you choose your opponent and stake ETH to play
(https://github.com/simidawalang/RPS)

Mentee - Cartesi
Got accepted into the Cartesi x Web3Bridge masterclass program, to train developers on using Cartesi, an app-specific, layer 2 scaling / rollup protocol with a virtual machine that runs Linux distributions