

Semako Zosu

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Skills

- JavaScript | React | TypeScript | Next.js | Python | Flask | Tailwind | MySQL | Node | Express | Redux | jQuery | NoSQL | Git | MongoDB
- Agile Development | React testing | Arduino | OOP | MaterialUI | Firebase | Firestore

Experience

Software Engineer

GHIT

Lagos, Nigeria 06/2022 - 06/2023

- Implemented enterprise applications of G-programmers platform using **JavaScript, React, Typescript**, Next.js, and python.
- Designed and developed systems facilitating young developers to perform various optimization experiments within the Prime ecosphere.
- Automated and optimized business logic for the core marketing experiments, including A/B, Auto-Targeting, and Multivariate Testing.
- Completely automated the G-programmers data collection process by developing suitable API's and web scraping.
- Leveraged backend technologies such as Python, Flask, and Flask-SQLAlchemy to develop robust server-side functionalities and database interactions.

Engineering Specialist

GHIT

Lagos, Nigeria 04/2021 - 09/2022

- Designed and implemented automation and IOT based devices of one of Nigeria's fast growing tech companies using **Arduino, Python, JavaScript**.
- Reported directly to CTO:** Engineering co-lead for designing and developing the Auto_G project, a device for reading and reporting power usage and automation. The company's best selling product.
- Integrated multiple third-party systems with the Auto-G and IHome, increasing global revenue by 20% in the first quarter.

Software Engineering Member

Microsoft ADC Student League

Lagos, Nigeria 06/2023

- Contributed to creative brainstorming sessions, actively generating innovative project ideas.
- Successfully collaborated with cross-functional teams, ensuring efficient communication and coordination to achieve tasks and project objectives.
- Actively participated as a top developer on the frontend team for Project SLidescribe, overseeing the development of authentication features, AI slide generation, and performance optimization

Ambassador

StreamLit

Lagos, Nigeria 08/2023

Software Engineer, Intern

IBTS 321

Lagos, Nigeria 06/2019 - 12/2020

- E-walk:** Personal fitness application for web and mobile devices (JavaScript & Flutter)

Education

Bachelor of Science

University of Lagos

Lagos, Nigeria

- Major in Electrical and Electronics Engineering

CGPA: 4.83/5.00

Projects

- NFT MARKETPLACE** - <https://nftmarket-flax.vercel.app/>
A template for an NFT marketplace to explore different NFTs and also bid and buy NFTs. It features user profile, NFT market bidding, NFT collections, creative user interface and animations, wallet connection options, rankings and so on.
- SPOTIFY DASH** - <https://odash.vercel.app>
Created a customized Spotify Dashboard Application, offering music enthusiasts an intuitive analytical tool. Implemented authentication through Spotify API and enhanced user experience with visually appealing light and dark themes. Employed efficient state management and optimized API communication.
- GROWFY** - <https://oasesgrowfy.netlify.app>
Crafted and engineered a high-performing landing page for a rapidly expanding marketing solutions firm, prioritizing scalability and optimal web performance.
- SPOONACULAR** - <https://oasesfood.netlify.app> Designed and developed an award-winning recipe and cuisine application for the JOBA hackathon

Certification

- Silver Award:** Won 2nd position in the FAAD programming and robotics competition (06/2021)
- Harvard's Introduction to Computer Science (12/2022) - <https://certificates.cs50.io/3da48222-2be4-4ee1-a144-c39ca4364eee4>