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# Olaoluwa Babatunde Isaac

Full-Stack Cloud Engineer

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**PORTFOLIO:** <https://olaoluwanhs.github.io>

**SUMMARY:** I'm a dedicated and experienced full-stack engineer with over six years of hands-on programming expertise and an AWS Cloud Solutions Architect certification. I build reliable and scalable web applications, working seamlessly across both front-end, back-end and Infrastructure As Code technologies. Solving complex problems and driving innovation are at the heart of what I do, and I take pride in delivering efficient, high-quality solutions tailored to dynamic, cloud-based environments. I thrive on using modern development frameworks and best practices to enhance performance, support business growth, and cultivate a collaborative and positive team environment.

## SKILLS

AWS Services, Cloud Formation Templates, Lambda functions, React, React Native, Node JS, express JS, Puppeteer, PHP, Laravel, Python, Golang, Web-assembly, Selenium, Flask, Docker, Linux and CMD scripting, Git, SQL, Mongo DB, Redis.

## EXPERIENCE

**Nebula Logix:** Texas, United States(Remote)  
AWS Cloud Administrator, Back-End Engineer  
March 2024-Present

- ❖ Developed a cloud-native B2B SaaS web application that helps diverse businesses access business opportunities with larger corporations.
- ❖ Reduced AWS cloud bill by 50%
- ❖ Wrote Cloud Formation Templates to build Cloud environments and resources.
- ❖ Wrote Back-End code for Lambda functions.
- ❖ Wrote and running automated scripts on EC2 instances.

**CvToCareer:** Sydney, Australia(Remote)  
Full-Stack Python and Next.js Developer (Technical Team-Lead)  
May 2023-March 2024

- ❖ Built and maintained a containerized selenium bots to automate customer job applications.
- ❖ Carried out Log analysis for bot optimization and debugging.
- ❖ Refactored system which resulted in 100% speed in client processing.
- ❖ Built Full-Stack web application for the company
- ❖ Used AI Model to embed client information allowing automation of questions answering on recruitment sites.

**Utosia:** Lagos, Nigeria(Remote)  
Back-End Developer

- ❖ Express.Js Back-End for B2C E-Commerce app centered on renewable energy
- ❖ Perform power calculations on the back-end for Residential Solar systems and Electric vehicles.

## **Freelance:** Nigeria

Browser Automation and Full-Stack web development

February 2021 - July 2023

- ❖ Developed several web-applications for content management, crypto data monitoring and e-commerce.
- ❖ Built puppeteer scripts to automate several tasks and write data to SQL / Mongo DB database.

## **CERTIFICATION**

- AWS Solutions Architect Associates (SAA-C03)  
December 2024 - December 2027

## **EDUCATION**

- B.Eng Civil Engineering;  
Federal University of Technology, Minna  
Niger State, Nigeria.

## **PROJECTS**

- [BZ-One](#) (AWS, lambda functions, postgres RDS, EC2 instances, S3, SNS, SQS, bedrock).
  - ✓ I worked on the back-end to create VPCs, endpoints, cronjobs, etc to help users register and position their businesses for contracts from bigger companies.
  - ✓ I refactored the app's cloud infrastructure by replacing services with more suitable ones for the app and replacing instance types with more suitable ones. This brought down cost for us from an average monthly \$290 for 2 environments to \$200 for 3 environments i.e more than 50% less for each environment.

- [CVToCareer](#) (Python, Selenium, Docker, Next.js, SQL, Mongo DB)
  - ✓ I coded new features and refactored systems for a selenium python bot.
  - ✓ I lead a team of developers to build the company website that users used to connect and view the results of the bot run on their information.
  - ✓ I refactored the bots code for better concurrency, transitioned the bot from google spreadsheet based to SQL database and implemented caching systems like Redis. This improvement lead to the bots handling 100% more users per day than before due each instance of the bot doing more than one thing at a time.
- [Utosia](#) (Node js, express, Digital Oceans, Google maps API)
  - ✓ I worked on the the back-end of the app to setup all endpoints for e-commerce and power audit calculations.
- [The Verge News](#) (Laravel)
  - ✓ Very Simple Laravel Blog app for a client's SEO project experiment.
- [FCS HDP](#) (React native)
  - ✓ Built the whole react native mobile app for christian university student's bible study.
- [OlaSlab](#) (Fast API, React)
  - ✓ This was my Engineering final year project where I built an app to perform the design of reinforced concrete slab when given the initial parameters and then generate detailing for it though HTML canvas.