

Johnson-Awah Alfred

I'm a creative and enthusiastic software Engineer with 5+ years of professional experience in ideating, architecting, and building solutions for digital products.

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EXPERIENCE

[ScoreFam](#) - (Remote) Part-time - Fullstack Blockchain Engineer

January 2022 - present

At Scorefam I:

- Was responsible for connecting various part of the front-end to the blockchain using ether.js to communicate with smart-contracts.
- Helped to reduce load time and increase performance on the front-end by utilizing both time and space efficient algorithms following industry standards.
- Took part in major decisions on the architecture of the smart contract while also contributing meaningful and optimized smart contract code on Binance Smart Chain network.

[iiiNigence](#) - (Remote) Contract- Fullstack Blockchain Engineer

Jan 2022 - Present

At iiiNigence(thriple-I, nigence) I:

- Studied both Smart-Contract codes and documentations of [OlympusDao](#) to deliver an almost identical solution for a client which was deployed on the fantom network.
- Singlehandedly worked on the [ERC-721A](#) Smart Contract of an NFT staking game and also converted figma design into a responsive front-end application.
- Occasionally interacted directly with clients to suggest improvements , provide quality web3 solutions and meet all their demands just in time.
- Helped to replace an existing firebase database integrations with mongodb for a web3 based nextjs application.

[iBCSCorp](#) - (Remote) Full-time - Founding FrontEnd Engineer

Jan 2019 - Feb 2022

At iBCSCorp I:

- Was responsible for building the front-end of a [CMS platform](#) that enables anyone create a website in few minutes which is used by 100s of clients today.

MY TOOLS

Core - JavaScript, Typescript, Git, Algorithm, and Data Structures.

Blockchain - Solidity, Hardhat, Ether.js, OpenZeppelin Defender, Web3.js, ChainLink Oracle, Alchemy, Infura, Truffle, Polygon, BSC, Ethereum, Fantom, IPFS, Pinata, etc.

Front-end - HTML, CSS, Tailwind, ChakraUI, Nextjs, Bootstrap, Gatsbyjs, Redux and React.

Backend - NodeJS, AdonisJS, ExpressJS, PHP, SlimPHP, Codeigniter and LigerPHP.

Database - mySQL, MongoDB, PostgreSQL, ElephantDB and Firebase.

Design -Figma.

Others - Chai, Mocha, GitHub actions, Firebase, Heroku, Netlify and Vercel,Cloudinary.

Interested in - Golang, Rust,Smart Contract Security and Core Blockchain Infrastrucure.

ACHIEVEMENTS.

- 2019, Founder of [Developer Students Club](#) ,[Futo](#).

- Communicated with and implemented both REST and GraphQL API endpoints on the front-end.
- Implemented efficient algorithms and Data structures needed at various points in the CMS application.
- Architected a well-structured React and also a GraphQL codebase.
- Led the front-end team at a later time during my stay.

Congredia (Hybrid) Full-time - Backend Engineer

August 2019 - December 2019

At Congredia I:

- Was Responsible for the development of some server-side web application logic and APIs used by the frontend and mobile developers.
- Worked under the supervision of a senior-backend engineer to implement back-end features including security and database integrations.

African Blockchain Center For Developers (Remote) Contract - Frontend Engineer

June 2021 - Present

At ABCD I:

- Was Responsible for the design-implementation of the client-side of the website both ABCDs website and a sub-company of theirs, [3weblab](#).

HNG internship (Remote) Internship - Backend Engineer

June 2020 - August 2020

- I Joined my team in the collaborative ideation and development of the company's official website.
- Built microservices applications using vanilla Node.js deployed on Heroku.

Binary Hills (On-site)- Backend Engineer (Intern)

July 2018 - December 2018

I worked on server-side applications with Node.js and deployed live applications with MongoDB databases.

EDUCATION

Federal University of Technology, Owerri - Bachelor of Technology.

September 2016 - Dec 2021

Physics.

- 2019, Backend mentor of [SheCode Africa](#).

- 2018, [TechStars Startup Weekend](#) Hackathon Winner.

- 2020, Speaker at Google DevFest, Owerri.

- [HNGi7 finalist](#) - I was one of the final 200 out of 11,500+ interns that participated in the HNG internship.

- 2019-2021, [Google Africa Developer Scholarship](#) FrontEnd Mentor

- 2018 Ingressive Campus Ambassador, FUTO.

PROJECTS I'VE WORKED ON (AND ALLOWED TO SHARE)

FantomDAO — Website

A fork of Olympus DAO deployed to fantom Network, an algorithmic currency protocol that aims to be a stable crypto-native currency

- [Nextjs, Solidity, Typescript, Web3]

Ethereum Stake Pool — Smart Contract

ETHPool provides a service where people can deposit ETH and they will receive weekly rewards.

- [Solidity, Web3, Testnet, chai]

Codemarka — Website

Codemarka is a real-time web Application that enables groups of individuals to learn, collaborate, build and frontEnd solutions using HTML, CSS, Javascript and react.

- [React, TypeScript, WebRTC, Netlify, Heroku, Cloudinary]

Codemarka Sandbox — Web app

A lightweight version of codemarka built with vuejs for the frontend and AdonisJs on the [backend](#) - [Adonisjs, TypeScript, Vuejs]

TedxFUTO — Web app

TEDxFUTO was created in the spirit of TED's mission, "ideas worth spreading." It supports independent organizers who want to create a TED-like event in their own community. - [PHP, HTML, CSS, Javascript]

Log Stripper — NPM package

Log Stripper helps developers get rid of uncommented logs in their frontend code, thereby keeping the console clean for production. -

[Javascript, Nodejs]

AensLTD — Website

An ecommerce website that helps customers to import chinese goods into the country. - [Codeigniter, Mysql, PHP, JQuery, Bootstrap]