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
January 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
January 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.

- 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.

MY TOOLS

Core - JavaScript, Typescript, Solidity, 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,Vercel,Cloudinary, etc..

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

ACHIEVEMENTS.

- 2019, Founder of Developer Students Club ,Futo.

EDUCATION

Federal University of Technology,Owerri - Bachelor of Technology.

September 2016 - Dec 2021
Physics.

PROJECTS (NOT LIMITED TO)

BonPay— Developer Tool

BonPay is an SDK that helps merchants & developers integrate web3 payment (Tokens and NFT) into their existing web application.

– [React, SDK, Web3, NFT, Typescript, Moralis]

FantomDAO — Website

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

– [Nextjs, Solidity, Typescript, Web3]

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]

Not satisfied? View more here or here.

– 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.