

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

## 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, 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 Infrastructure.

## ACHIEVEMENTS.

- 2019, Founder of [Developer](#)

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.

### **Congredia (Hybrid) Full-time - Backend Engineer**

August 2019 - December 2019

- 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

- 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

- 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.

### **Students Club, FUTO.**

- 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, and 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**

Remove all uncommented instance of console.log/console.error from your javascript app for production purpose - [Javascript,Nodejs]

### **AensLTD— Website**

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