Emmanuel Chee-zaram Okeke

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Experience

Jun 2023
Jul 2023
Back-end Engineer, *WIG!T*, Asanti region, Ghana (remote), Contract
- Project management
- Heading backend development in Go, with unit tests
- Setting up workflow and CI/CD pipelines with automation scripts and GitHub
- Configuring deployment servers

Education

Aug 2022
Sep 2023
Full-stack Software Engineering, *Africa Leadership X*, Nairobi, Kenya (remote)
- A one-year intensive, fast-paced, project-based, agile-oriented peer-learning curriculum.
- Specialization in Back-end (Node.js, Typescript, Python, C, Shell, Nginx, HAProxy, MySQL)

2017 - 2021
B.S. Microbiology, *Joseph Sarwuan Tarka University, Makurdi*, Benue, Nigeria
- Amongst the Top Graduating Students, Department of Microbiology and College of Science

Open-source Contributions

CUE **A data constraint language**
- Made several improvements to the project documentation - *2023*

garble **Obfuscate Go builds**
- Made improvements to shell scripts used for test automation - *2023*

MDN **A documentation repository and learning resource for developers**
- Made improvements to the JavaScript MDN web docs - *2023*

Side projects

tRash A simple shell based off *sh* - *C, Shell*
AirBnB clone A clone of the vacation rental platform - *Python, HTML5, MySQL*
playground Learn tips/tricks on algorithms with usable code examples - *Go, Python, C*
monty A basic interpreter for *Monty* byte-codes *C*

Programming languages

Experienced *Go, Python, C, Shell*
Familiar *JavaScript, Typescript, Lua, SQL*

Favourite Tools

Go A serial gopher. Also familiar with unit testing and benchmarks
CI/CD Experienced with setting up and using *GitHub Actions*, *Jenkins*
Cloud Familiar with *AWS* and some of its back-end offerings
DBMS Experienced with *MySQL*, *PostgreSQL*. Familiar with *MongoDB*
Linux Using *GNU/Linux* for over 2 years as primary OS
Containers Familiar with *Docker*, *Kubernetes*, and *Vagrant* for virtualization
RESTful APIs Ability to design and implement efficient and scalable API endpoints
Frameworks Solid understanding of server-side frameworks and technologies, such as *GIN*, *Flask*
Version control Experienced with *Git*, *GitHub*, *GitLab*, in branching, rebasing, PRs, and conflicts

Skills

Languages	Native in English
Logic	Basic understanding of data structures and algorithms, with their implementations
Social	Excellent communication and interpersonal skills
Work	Ability to debug and resolve complex technical issues, and thrive in a flexible, collaborative, and fast-paced environment