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 and monorepo maintenance
- Heading backend development of the web application in Go, using MySQL and Redis
- Setting up workflow and CI/CD pipelines with automation scripts and GitHub Actions
- 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

Projects

WIG!T A wigs products and services web app - *Go, React, MySQL, Redis, Docker*

tRash A simple shell based off *sh* - *C, Shell*

wlog An easy-to-install CLI logger for saving and sharing notes with self and team mates during development - *Python, Bash*

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*

Open-source Contributions

minikube **A tool to run Kubernetes locally**
- Helped improve minikube tutorial for beginners - *2023*

APIToolKit GO Client **A client for interacting with APIToolKit from Go apps**
- Made several code improvements by rewriting some deprecated functions - *2023*
- Improved the robustness of the CI workflow - *2023*

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

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

go-client **Neovim client and plugin host for Go**
- Made improvements to code and documentation clarity - *2023*

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

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*, *Redis*. Familiar with *MongoDB*
Linux	Using *GNU/Linux* for over 2 years as primary OS, with *Neo*vim as primary editor
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