

Emmanuel Chee-zaram Okeke

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github.com/chee-zaram

Experience

- Jun 2023 **Back-end Engineer**, [WIGIT](#), Asanti region, Ghana (remote), Contract
Jul 2023
- 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 **Full-stack Software Engineering**, [Africa Leadership X](#), Nairobi, Kenya (remote)
Sep 2023 A one-year intensive, packed, project-based, 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*
- [AirBnB clone](#) A clone of the vacation rental platform, with a functional back-end and static front-end
- [monty](#) A basic interpreter for *Monty* byte-codes

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