

# Emmanuel Chee-zaram Okeke

[cheezaram.okeke@gmail.com](mailto:cheezaram.okeke@gmail.com)

[cheezaram.tech](https://cheezaram.tech)

[github.com/chee-zaram](https://github.com/chee-zaram)

## Experience

- Jun 2023 **Back-end Engineer**, *WIGIT*, Asanti region, Ghana (remote), Contract
- Jul 2023
- Project management and monorepo maintenance
  - Heading backend development of the web application in Go
  - Setting up workflow and CI/CD pipelines with automation scripts and GitHub Actions
  - Configuring deployment servers

## Education

- Aug 2022 **Full-stack Software Engineering**, *Africa Leadership X*, Nairobi, Kenya (remote)
- Sep 2023
- 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
- 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

## 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