

Emmanuel Chee-zaram Okeke

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github.com/chee-zaram

Programming languages

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

Favourite Tools

Go Developing APIs and CLIs using Scrum methodologies. Unittesting and Benchmarking
CI/CD Experienced with setting up and using *GitHub Actions, Tekton, ArgoCD*
Cloud Familiar with the backend offerings for *AWS, IBM Cloud, OpenShift*
DBMS Experienced with *MySQL, PostgreSQL, Redis*. Familiar with *MongoDB*
Linux Using *GNU/Linux* for over 2 years as primary OS, with *Neovim* as primary editor
Containers Familiar with *Docker, Kubernetes*, and *Vagrant* for virtualization
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
Observability *Prometheus, Grafana, Datadog*

Experience

Jun 2023 **Back-end Engineer**, *WIG!T*, Asanti region, Ghana (remote), Contract
Jul 2023

- 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

Projects

WIG!T A wigs products and services web app - *Go, React, MySQL, Redis, Docker*
Kataposis A logging library for Go applications with database integration - *Go*
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 **A client for interacting with *APIToolKit* from Go apps**
GO Client

- 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

Education and Certifications

Feb 2024 **IBM DevOps and Software Engineering Professional Certificate** by IBM, [Coursera](#)

- Compose applications using microservices, Kubernetes, and Docker.
- Test and Behaviour Driven Development.
- Deploy applications using Kubernetes, Docker, OpenShift, and Serverless technologies.
- Employ tools for automation, CI/CD.
- Scrum methodologies.
- Monitoring and Observability.
- Application security.

Aug 2022 **Full-stack Software Engineering Certificate**, [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

Skills

Languages Native in English

Logic Deep 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