Emmanuel Chee-zaram Okeke

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| --- | --- | --- | --- |
|  |  | Programming languages |  |
|  |  |  |
|  |  |  |
| Experienced | | Go, Python, C, Shell, SQL |  |
| Familiar | | JavaScript, Typescript, Lua |  |
|  |  | Tools |  |
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|  |  |  |
| Go & Python | | Developing APIs using agile 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, Django |  |
| Version | | Experienced with Git, GitHub, GitLab, in branching, rebasing, PRs, and conflicts |  |
| control | |  |  |
| Observability | | Prometheus |  |

Feb 2024 Mar 2024

Experience

Python Software Engineer, [VOCUP](https://vocup.vercel.app), Lagos, Nigeria (remote), Contract

* Wrote, tested, and maintained Python code for the backend API of a dictionary app using Django and PostgreSQL
* Configured EC2 instances and deployed web applications to AWS

Jun 2023

Jul 2023

Back-end Engineer, [WIG!T](https://github.com/wigit-ng/webapp), Asanti region, Ghana (remote), Contract

* Managed the project and monorepo throughout the software development life cycle
* Headed backend application development in Go, using MySQL and Redis for a fast and responsive API
* Integrated bank payments and financial service providers for easier and secure payment processing
* Set up workflow and CI/CD pipelines with automation scripts and GitHub Actions
* Configured EC2 instances and deployed web applications to AWS

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|  |  | Projects |  |
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| [WIG!T](https://github.com/wigit-ng/webapp) | | A wigs products and services web app - Go, React, MySQL, Redis, Docker |  |
| [Kataposis](https://github.com/chee-zaram/kataposis) | | A logging library for Go applications with database integration - Go |  |
| [tRash](https://github.com/OvyEvbodi/tRash) | | A simple shell based off sh - C, Shell |  |
| [wlog](https://github.com/chee-zaram/wlog) | | An easy-to-install CLI logger for saving and sharing notes with self and team mates during |  |
|  |  | development - Python, Bash |  |
| [AirBnB clone](https://github.com/chee-zaram/AirBnB_clone) | | A clone of the vacation rental platform - Python, HTML5, MySQL |  |
| [playground](https://github.com/chee-zaram/playground) | | Learn tips/tricks on algorithms with usable code examples - Go, Python, C |  |
| [monty](https://github.com/chee-zaram/monty) | | A basic interpreter for Monty byte-codes C |  |

Open-source Contributions

[nvim-silicon](https://github.com/michaelrommel/nvim-silicon) Plugin to create code images using the external silicon tool

○ Wrote some code in Lua to enhance the format of notifications passed to the vim API - 2024 [minikube](https://github.com/kubernetes/minikube) A tool to run Kubernetes locally

* Helped improve minikube tutorial for beginners - 2023

APIToolKit A client for interacting with [APIToolKit](https://apitoolkit.io) from Go apps

[GO Client](https://github.com/apitoolkit/apitoolkit-go) ○ 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

Feb 2024

Aug 2022 Sep 2023

2017 - 2021

Education and Certifications

IBM DevOps and Software Engineering Professional Certificate by IBM, [Coursera](https://coursera.org/verify/professional-cert/47GD476FJ92G)

* Compose applications using microservices, Kubernetes, and Docker.
* System design and System Architecture.
* Application resiliency and security.
* Test and Behaviour Driven Development in Python.
* Deploy applications using Kubernetes, Docker, OpenShift, and Serverless technologies.
* Employ tools for automation, CI/CD.
* Agile phylosophies and Scrum methodologies.
* Monitoring and Observability.

Full-stack Software Engineering Certificate, [Africa Leadership X](https://www.alxafrica.com/software-engineering/), 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)

B.S. Microbiology, [Joseph Sarwuan Tarka University, Makurdi](https://www.uam.edu.ng/), 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, troubleshoot, and resolve complex technical issues. Analytical and problem-solving skills, and a love for emerging technologies to thrive in a flexible, collaborative, and fast-paced environment