

# Emmanuel Chee-zaram Okeke

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## Education

Aug 2022 **Full-stack Software Engineering**, *Africa Leadership X*, 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

**WIG!T** A web application for managing orders and bookings for wig products and services

**tRash** A simple shell based off *sh*

**monty** A basic interpreter for *Monty* byte-codes

**AirBnB clone** A clone of the vacation rental platform, with a functional back-end and static front-end

## 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