

Emeka Okafor

SOFTWARE ENGINEER

Personal Profile

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Links

[Linkedin](#)

[Portfolio](#)

[github](#)

Skills

Python

FastAPI

Reactjs

Nextjs

Nodejs

SQL

Mongodb

Docker

Kubernetes

Tailwind

HTML

Typescript / Js

Flask

Django

Professional Summary

Results-driven Fullstack developer with a passion for building scalable and robust web applications. Proficient in Python, Typescript, Nodejs, FastAPI, Django and Flask, html, css, nextjs, with a deep understanding of RESTful APIs and microservices architecture, scaling and managing containerized applications using docker and Kubernetes on AWS and other cloud Linux VMs. Experienced in optimizing database queries, reducing query execution time by 40% and enhancing application performance. Skilled in implementing secure authentication and authorization mechanisms, ensuring data integrity and protection.

Employment History

Back End Developer/ Project manager, NEA GROUP OF GLOBAL GIANTS ORGANISATION, Kenya

10/2022 - 12/2022

Managed a Teams of backend engineers to develop highly scalable API for Business and Eccommerce Website.

Back End Developer(Contract), Revamp Insights, Lagos

11/2022 - Present

Develop highly scalable APIs for Revamp Insights Products and services

Education

Bachelor in engineering, Industrial and Production Engineering, Nnamdi Azikiwe University, Awka

10/2014 - 09/2019

Internships

Student Intern, alx_africa

06/2021 - 06/2022

ALX is a peer-learning, project-guided, full stack software engineering school in San Francisco.

School Projects:

C Programming Language, Linux Ubuntu 14.04:

Project Url: <https://bit.ly/3NDBT7A>

- Implement multiple sorting algorithms (Heap, Merge, Quick)

- Build a replication of the printf() function

- Recreate a simple shell program in a Linux environment

Python3:

Project Url: <https://bit.ly/3NDBT7A>

- Test-driven full stack Airbnb web application clone running on three Amazon EC2 instances (1 loadbalancer, 2 applications servers with a replication/master database setup) using NGINX as a web server and gunicorn as the application server. (Technologies used: Python, Flask, HTML, CSS, jQuery, MySQL, Linux)