Abdulbasit **Abdullahi**

SOFTWARE ENGINEER · BACKEND ENGINEER

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Education

Holberton(ALX Africa SE) School *Lagos, Nigeria*
SOFTWARE ENGINEERING *Mar. 2021 - Jan. 2024*

- I learned about software engineering concepts, including software design, systems architecture, application programming, data structures and algorithms, unit testing, and cloud computing.
- I learned some programming skills and tools like C/C++, Python/Flask, JavaScript, Linux, NodeJs (ExpessJs), Git, Github Actions, CI/CD, MySQL, Postgresql, MongoDB, and Redis.
- I learned how to deploy to various platforms, including MS Azure, Apache, Digital Ocean, Rende, and Nginx.

Cisco Networking Academy *Lagos, Nigeria*
COMPUTER PROGRAMMING *Mar. 2022 - Jan. 2023*

- I learned the essentials of the Javascript, C++, Python, and Linux operating systems.

Skills

DevOps Microsoft Azure, Docker, Vagrant, Puppet, Github Actions, Git, Apache, Render, Nginx
Back-end Express, Flask, REST API
Front-end React, HTML5, CSS, Bootstrap, TailwindCSS, Jquery
Programming Node.js, Python, C, C++, Matlab
Database MySQL, Postgresql, MongoDB, Redis

Experience

VersityEgde *Ibadan, Nigeria*
SOFTWARE ENGINEER *Aug. 2023 - Jan. 2024*

- Built fully automated CI/CD pipelines on GitHub for the applications using Github Actions and Azure Virtual Machine.
- Implemented RESTful API server for blog, forum, and UTME on the go features of the application.
- Built and deployed overall service infrastructure utilizing Github Actions, and several Microsoft Azure stack(Including Azure Virtual network, Postgresql, Virtual Machine, Azure Static Web application(SWA)), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an on-the-go Payment system which can be funded using direct deposits from all banks in Nigeria.
- Developed a flexible database architecture and design for easy management.

Projects

AnyExam
HOLBERTON PORTFOLIO PROJECT *Nov. 2023*

- The goal of this project was to make computer-based exams more user-friendly and accessible for use in recruiting, organizing, and school evaluations. This project is helpful in evaluating applicants throughout the hiring process.

Secure Password Manager API (SAPI)
TREBLLE HACKATHON *Apr. 2023*

- Secure Password Manager API (SAPI) is a server-side application used for password storage, generating passwords, and protecting against password breaches on the internet.

Volunteering

Dareword Students Association (DSA) *Nigeria*
STUDENT MENTOR *Aug. 2021 - Oct. 2023*

- Mentored two freshmen until a sophomore.
- Tutored classmates on Python programming.
- Tutored peer learning partners on projects in C and Python programming

Honors & Awards

2023 **5th Place,** Treblle API Security Hackathon *Zagreb, Croatia*