Abdulbasit **Abdullahi**

SOFTWARE ENGINEER · BACKEND ENGINEER

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"There is no limit to what you can achieve"

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, Redux, HTML5, CSS, Bootstrap, TailwindCSS, SASS, Jquery
Programming	Node.js, Python, Bash, Javascript, C, GO, Matlab
Database	MySQL, Postgresql, MongoDB, Redis
Project Management	Jira, Trello

Experience

VersityEgde *Ibadan, Nigeria*

SOFTWARE ENGINEER *Aug. 2023 - July. 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

myDapp

CARTESI ROLLUPS BUILDER BOUNTY *Aug. 2024*

- myDapp is a voting system built on blockchain technology. The application interact with a smart contract to enable consistent and persistent election result. It ensures secure and transparent election process through the blockchain security and enhance voter's trust.

Greenlight

PERSONAL PROJECT *June. 2024*

- Greenlight is movie api built with go lang.
- It includes authentication and authorization of users.
- It employs rate limiting technique to protect and prevent the application from being flooded by numerous service requests.
- It implement graceful shutdown which allows the OS to perform it's tasks safely after shutting down processes and connections are been closed.

Will Be There (RSVP)

ADC-HACKATHON *Apr. 2024*

- WillBeThere is an intuitive online RSVP service designed to simplify event organization and attendance tracking.
- The application enables registered users to effortlessly create events, share event links with friends and easily manage RSVPs to ensure smooth event coordination.
- Collaborated on the project to develop event dashboard, event creation, event modification modal and implemented the search functionality.

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

2024	**Winner**, Cartesi Rollup Builder Bounty		*Singapore (Remote)*
2024	**6th Place**, ADC-Hackathon		*Lagos, Nigeria*
2023	**5th Place**, Treblle API Security Hackathon		*Croatia (Remote)*