

# Abdulbasit Abdullahi

SOFTWARE ENGINEER · FULL STACK 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

- Concepts - Software design, Systems architecture, Application programming, Data structures and Algorithms, Unit testing, and Cloud computing.
- Tools - C, Python/Flask, JavaScript, Linux, NodeJs (ExpressJs), Git, Github Actions, CI/CD, MySQL, Postgresql, MongoDB, and Redis.
- DevOps - MS Azure, Apache, Digital Ocean, Render, Vagrant and Nginx.

### Cisco Networking Academy

Lagos, Nigeria

COMPUTER PROGRAMMING

Mar. 2022 - Jan. 2023

- Essentials of 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, C++, GO, Matlab

**Database** MySQL, Postgresql, MongoDB, Redis

**Project Management** Jira, Trello

## Experience

### Vsured

Nigeria(Remote)

FULLSTACK ENGINEER

Oct. 2024 -

- Redesigned Panic Page UI for enhanced user experience and seamless navigation.
- Integrated backend endpoints for dynamic Panic Page content.
- Developed Value-Added Service feature using Remita API for airtime, bill payments, and data purchases.
- Built scalable application architecture using Express.js/TypeScript (backend) and React/TypeScript (frontend).
- Integrated API endpoints for dynamic data on multiple pages, improving user experience.

### Mensa Philosophical Circle

Cyprus(Remote)

FULLSTACK ENGINEER

Aug. 2024 -

- Developed responsive web pages for School Owner and Pupil sections, enhancing user engagement.
- Implemented Notification Module with Push and Email notifications.
- Integrated multiple payment gateways (Paystack, Remita, Flutterwave, Stripe) for seamless transactions.
- Built scalable backend using NestJS and TypeScript.
- Crafted interactive frontend using ReactJS and TypeScript.
- Created 3D Solar System visualization using Three.js, showcasing innovative expertise.

### 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.
- Implemented rate limiting technique to protect and prevent the application from being flooded by numerous service requests.
- Implemented graceful shutdown which allows the operating system (OS) to perform it's tasks safely after shutting down processes and connections are been closed.

## Fruitables

FREELANCE

June. 2024

- Fruitables is a fruit ecommerce website.
- Migrated the static application to dynamic application using ReactJS and TailwindCSS.
- Implemented Redux to facilitate data, context, and cart management across components.
- Implemented a checkout and payment management system to enable seamless transaction and user experience.

## 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.
- Designed event dashboard, event creation and event modal with easy to use User interface and seamless User experience
- Implemented event search functionality to ease access to events, either ongoing or completed.

## 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.

## HBNB (AirBnB Clone)

ALX - HOLBERTON PORTFOLIO PROJECT

Nov. 2022

- HBNB is a fullstack clone of AirBnB website.
- The project displays the understanding and implementation of the core software engineering concepts.

## 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

Singapore (Remote)

2024 **Winner**, Cartesi Rollup Builder Bounty

2024 **6th Place**, ADC-Hackathon

Lagos, Nigeria

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

Zagreb, Croatia  
(Remote)