TOBI OYEKANMI

SOFTWARE ENGINEER

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CAREER OBJECTIVE

Dynamic and motivated software engineering enthusiast with a strong foundation in programming and a keen passion for innovation. Skilled in Python, C, and JavaScript, with diverse hands-on experience across various projects. Actively pursuing a master's degree in software engineering, I bring a proven record of enhancing organizations through effective problem-solving, collaborative teamwork, and a relentless commitment to continuous learning. Demonstrating excellence through both academic achievements and impactful project contributions, I am eager to integrate my technical expertise with seasoned professionals, showcasing a robust work ethic as a dedicated software engineer.

WORK EXPERIENCE

New Mexico Highlands University, Las Vegas, NM — *Graduate Assistant*

JAN 2023 - PRESENT

- Manage and maintain laboratory facilities to ensure smooth operations and safety compliance
- Diagnose and resolve software issues on laboratory computers, improving the productivity of students and researchers
- Oversee the functionality of electrical installations, including computers and printers, to support academic

SQI College of ICT, Ibadan — *Assistant Software Engineering Instructor*

NOV. 2021 - NOV. 2022

- Instruct students on Hyper Text Markup Language (HTML), Cascading Style Sheets (CSS), and JavaScript.

SKILLS

Programming

Python

JavaScript

C

React Js

Kotlin

Soft

Problem-solving

Communication

Leadership

Adaptability

Empathy

- Coordinate live demonstration practical sessions to enhance students' understanding.
- Assign and grade student assignments and tasks, ensuring a comprehensive learning experience.
- Manage the welfare of students and submit regular class reports to my supervisor.

Broadcasting Corporation of Oyo State, Ibadan —
Electrical Engineer Intern

AUG 2019 - JAN 2020

- Monitor and maintain the transmitter equipment.
- Conduct routine checks of the transmitter waveguide, ensuring the best signal quality.
- Assist in the installation and maintenance of electrical circuits and sockets
- Manage studio lighting systems, ensuring optimal on-air lighting conditions.
- Collaborate as a communication and electrical team member for outside broadcast events
- Deployment, real-time monitoring, and maintenance of the organization's air conditioning systems.

EDUCATION

New Mexico Highlands University, Las Vegas, NM —
Master of Science

JAN 2023 - DEC 2024

Software Systems Design.

Federal University of Technology, Akure, Nigeria —
Bachelor of Engineering

NOV 2015 - OCT 2021

Electrical and Electronic Engineering

PROJECTS

Tourist Explorer
- Used Python for mining the needed data for the application Large Language Model.
- Design and develop the application database using MySQL.
- Creation of the application API.

- Design and creation of the application review form page using the NextJS.
- Deployment of application backend on online server.

Musicnalyzer

- Utilize Python to create a web-based application for dissecting songs into individual components like vocals, bass, and drums.
- The application detects the musical key and tempo, enhancing users' understanding of their music's tonal and rhythmic aspects.

Arsty

- Design and creation of the application database using MySQL database.
- Creation of application API using Flask and SQLAlchemy
- Implementation of interactions and logic on the application frontend pages using JavaScript(jQuery).
- Optimization of team member's CSS code for best page design and layout.
- Deployment of application frontend on vercel and backend on PythonAnywhere online server.

Music Player

- The application comprises three main activities: the Home Screen, the Player Screen, and the YouTube Music Section.
- Used Kotlin for the application logic and interaction.