PRECIOUS EYIZOMORIHI MICHAEL

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OBJECTIVE

I am a budding software engineer, driven by ambition and determination. I possess flexibility, a results-driven mindset, and excellent team spirit.

My career objective is to be a valuable asset to my employers, actively contributing to their goals and objectives while continuously enhancing my skills and getting the exposure necessary to propel my career growth. I approach every opportunity with an eagerness to learn and refine my skills, working diligently until I achieve the desired outcomes and get the job done.

Ultimately, the end goal is to achieve success wherever I find myself.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C#, Dart
Databases: MSSQL, PostgreSQL, MongoDB, Airtable, Firebase
Version Control: GitHub, Bitbucket
Cloud: AWS and Kubernetes
Frameworks: Flask, NodeJS, Django, Flutter
Web development: HTML, CSS, JavaScript
Project Management: Trello, Notion
Soft Skills: Time management, Creative thinking, Adaptability, Collaboration, Problem-solving, Fast and versatile learner.
Others: Data Structures and Algorithms, Web Scraping, Autodesk Fusion 360, Arduino UNO, MATLAB and Simulink.

EXPERIENCE

Backend Developer – SafeSpace (Freelance team)   **June. 2023 – Present**
Safepace is an online platform for connecting individuals to apartments for a given period of time.
- Implement robust and scalable APIs to facilitate seamless communication between the frontend and backend components.
- Collaborate with the SafeSpace freelance team to develop and maintain backend functionalities for the platform.
- Design and optimize database structures and queries to ensure efficient data storage and retrieval.
- Conduct thorough testing and debugging of backend components to ensure high-quality, bug-free code.
- Work closely with the frontend team to integrate frontend designs and functionalities with the backend logic.

Volunteer Backend Developer – Unilag Systems Engineering   **July. 2023 – September.2023**
Redesign of the Unilag Systems Engineering Website.
- Utilized Airtable as a data storage solution to efficiently manage and organize website content and user data.
- Developed RESTful APIs to efficiently retrieve and serve data from Airtable.
- Seamlessly integrated a Node.js backend with the React frontend, ensuring a smooth and responsive user interface.

Software Engineer – MidroHub (Freelance team)   **Jan. 2022 – Present**
MidroHub is a freelance team of young and vibrant individuals who are passionate about technology and its impact on businesses and individuals.
- Developed and maintained APIs to enable seamless communication between software components.
- Worked in the Frontend team to build responsive websites.
- Mentored new team members in software development, imparting essential skills in areas such as HTML and SQL.
- Delivered insightful presentations on emerging technologies, including topics like Cron jobs and Unit testing, to keep the team updated with the latest industry trends and best practices.

Contract Research Assistant – African Institute of Technology and Innovation   **September.2022**
- Conducted detailed research of intended courses according to the company's needs.
- Used research findings to create a wholistic content to be used for students.
- Created detailed course content to be taught by potential teachers.

PROJECTS

SafeSpace Website   **[Website link](), [API URL]()**

An online platform for connecting individuals to apartments for a given period of time.
- **Technologies used:** NodeJS, ExpressJS, MongoDB, Firebase Storage, React, Render
- **Role:** Lead Back-end Developer
- **Version Control:** GitHub

Expense Tracker   **[GitHub](), [Website link](), [API URL]()**

A website made to assist users in keeping tabs on their spending patterns and incomes.
- **Technologies used:** Flask, PostgreSQL, React, Render
- **Role:** Lead Back-end Developer

Airtable Integration   **[GitHub](), [Website link]()**

This is an integration system that connects various technologies with Airtable, facilitating seamless data synchronization and management.
- **Technologies used:** NodeJS, Airtable, MongoDB, Redis, Render

Cron Jobs   **[GitHub]()**

This is a project that demonstrates the implementation of cron jobs within Node.js and Flask frameworks, providing practical examples and use cases.
- **Technologies used:** NodeJS, Flask

CERTIFICATIONS AND TRAINING

Software Engineering – MidroHub (Freelance team)   **September. 2021 – December.2022**
- Learning NodeJS for web programming.
- Learning C# for ASP.net web programming.
- Learnt SQL and Database programming.
- Learnt Data Management and SQL.

AWS Machine Learning Foundations – Udacity   **Jul**. **2022 – September.2022**
- Learnt Supervised, Unsupervised and Reinforcement Learning.
- Learnt Reinforcement Learning with AWS DeepRacer.
- Learnt Generative AI with AWS DeepComposer.
- Learnt Common Software Engineering Practices.
- Learnt Object-Oriented Programming in Python.

Backend (Python) – Zuri Team, Inc   **May**. **2022 – August.2022**
- Learnt Python.
- Learnt Django API Development and Documentation.
- Used Django for CRUD operations.

Full Stack Development using Flask (Python) – ALX - Udacity   **May. 2022 – July.2022**
- Learnt Server Deployment and Containerization
- Learnt SQL and Data Modelling for the Web.
- Learnt API Development and Documentation.
- Learnt Identity Access Management.

Introduction to Python Programming – Udacity   **May. 2022**

Introduction to Flutter Development using Dart – The App Brewery   **Sept. 2020**

EDUCATION

- **B.Sc. Systems Engineering** – University of Lagos, Akoka, Nigeria   **2018 – Present**