

PRECIOUS EYIZOMORIH MICHAEL

+2348036525904 | precious.michael2002@gmail.com | Akoka, Lagos, Nigeria

LinkedIn: <https://www.linkedin.com/in/precious-michael/>

Portfolio: <https://eviza.github.io/precious-michael/>

GitHub: <http://github.com/Eyiza>

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

SafeSpace 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

Genetic Algorithm Optimization

[GitHub](#)

This project is aimed at solving both constrained and unconstrained optimization problems using a methodology inspired by biological evolution. This evolutionary process continues over successive generations, leading the population towards an optimal solution which is demonstrated by a graph that illustrates the improvement of the best fitness over generations.

- **Technologies used:** Python, Numpy, Matplotlib

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

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

CERTIFICATIONS AND TRAINING

Software Engineering – MidroHub (Freelance team)

September. 2021 – December.2022

- Learnt NodeJS for 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