DAKOH WISDOM OGHENAGWE

**Backend Developer | ML Engineer GitHub: dakohhh**

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# CAREER OBJECTIVE

My goal is to become a successful Artificial Intelligence Engineer by arriving at methodologies to help in understanding human problems and implementing solutions using Machine learning and Software Engineering techniques. I am also a Backend Developer, skilled in Object-oriented programming (Python, NodeJS,) as well as Database management & Web development.

# EDUCATION

* ***Bachelor’s Degree in Computer Science – Mountain Top University, Ogun State, Nigeria*** [ **2020 to 2024**] **4.38/5.0 GPA** [Courses:  *Algorithms &Complexity*, *Structure of Programming Languages, Database Systems, C/C++/Python Programming Language, Computer Architecture and Organization, Artificial Intelligence*]

# SKILLS

**Programming Languages Web technologies**

**Cloud Technologies Database Technologies Software**

**Version controllers Operating Systems**

**Message Broker**

**:** Python (Django, Flask, Rest-API, Scki-it Learn, Keras, Fast API, Pandas, OOP), JavaScript

**:** HTML5, CSS, JavaScript, Bootstrap, Flask, NodeJS, Express

**:** AWS, Azure (Microsoft Certified), Redis

**:** SQL, MySQL, PostgreSQL, MongoDB

**:** Visual Studio, Jupyter, MATLAB, PyCharm

**:** GIT

**:** Windows, iOS, Android, macOS

**:** Celery, RabbitMQ

# WORK EXPERIENCE

## Junior AI Engineer, Silicon Tech Analytics - AI department Mar 2023 - present

* Duties: Working with a team of AI to develop, implement, and maintain AI systems, learning and implementing AI / ML models and algorithms, including data preprocessing, feature engineering, and model training and evaluation.

## Technical Consultant, Management Edge, Victoria Island Lagos Jan 2023 - Feb 2023

System Consultant and assistant at Management IT Department.

* Duties: Conducting systems and server maintenance, proctoring exams conducted, guiding the technical team on systems and network routing including basic command line interface and functions.

## Backend Developer, Cargenie, Lagos May 2022 - Nov 2022

* Duties: Co-Lead Backend Developer, Cargenie is a car rental platform in which users can rent out their vehicle to customers for a set period of time, the platform connects the renters and the users providing you with a wide range of options from luxury to functional cars. Build the Backend with NodeJS, Express, and MySQL, conducted unit testing and optimization backed up with an efficient and seamless scalable approach. (www.getcargenie.com)

# TECHNICAL PROJECTS

**Payment Solution for University Students and Merchants (CampToken)**

* A Django application/platform, A platform that provides students and merchants of the same university with easy, fast, and seamless transactions ~ Used PostgreSQL for Database introduced ORM concept in relation to Postgres, ~ Celery RabbitMQ and Redis for asynchronous task processing and message broker to offload time-consuming or resource-intensive tasks to be executed asynchronously in the background. Bootstrap5 and jQuery for the frontend

**~ Ongoing Project**.

**Student Grade Prediction using Machine Learning, *Mountain Top University***

* Designed an ML model using Linear Regression that predicts students’ final grades based on his/her past grades (G1 and G2), absences, failures, and study time over the past year. Achieved an Accuracy of 90%

**Basic – E-commerce Platform (WIzShops)**

* Employed FastAPI (Python) and Material Design Bootstrap to create a basic e-commerce application along with Stripe Payment Integration data – MySQL for Database, created a custom session management class inherited by the app to effectively manage user sessions. (https://wizshop.onrender.com/)

**Heart Disease Prediction using Machine Learning, *Abuja National Hospital***

* Built an ML model using samples of past records/datasets gotten from the Abuja National Hospital, based on their cholesterol level, thalach, old-peak, slope, age, and sex. Used Logistic Regression Algorithm to classify based on the target label, created a custom class that inherits this algorithm, and evaluates its performance and accuracy. Achieved an Accuracy of 96%

**Car Rental Platform (Cargenie)**

* Using NodeJS, Express, and MySQL, integrated with Stripe Payments created a car rental platform that connects the renters and the users providing you with a wide range of options from luxury to functional cars. Implemented chat functionality across user roles using Socket IO.

# CLUBS AND ORGANISATIONS

* **Lead Ambassador** – Ingressive For Good Student Ambassador at Mountain Top University, Ogun State.
* **Vice – President –** Entrepreneur Club Vice President at Mountain Top University, Ogun State.