MATTHEW OFOMI

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Highly skilled and goal driven software developer with expertise in designing, building, and deploying software solutions. Proficient in multiple programming languages and technologies, with a strong emphasis on web and mobile development.

SKILLS

Front End: HTML5 | CSS3 | JavaScript | Typescript | React.js | Next.js **Backend**: Node.js | Python | Django | FastAP I Flask
Database: PostgreSQL | MySQL | MongoDB (NoSQL) **Tools**: Git | Github

EDUCATION

BSc Chemical Engineering, University of Lagos

WORK EXPERIENCE

Signal Alliance Technology Holding **AI Consultant / App Developer** **01/2021 -Current**

Technologies: SharePoint, Copilot Studio, Power Automate

- Designed and implemented custom business applications using Microsoft Power Platform suite, resulting in a 33% increase in operational efficiency.
- Implemented and Managed end-to-end application and data migration projects, ensuring seamless implementation within project cost and timeline parameters, resulted in $23,000 savings through early project completion.
- Developed an automated system using Power Automate to upload customer data from an API into an Excel sheet, streamlining data processing and improving efficiency. Additionally, provided technical expertise on Microsoft Copilot to potential clients, highlighting its features and benefits.

Google Africa Scholarship **Mobile Web Developer** **03/2020 - 07/2020**

Technologies: HTML5, CSS3, JavaScript, NodeJS

- Spearheaded the development, design, and maintenance of user-friendly websites and applications as part of the Google Africa Developer Scholarship Program
- Leveraged the skills and knowledge acquired through the program to create compelling digital experiences tailored for mobile platforms
- Utilized innovative technologies and best practices endorsed by the program, including responsive web design principles, progressive web app (PWA) development, and mobile optimization techniques

Hamoye **Data Scientist** **07/2019 - 02/2020**

Technologies: Python, Numpy, Pandas, Seaborn, Matplotlib

- Conducted data preprocessing, feature engineering, and model selection to optimize predictive models for accuracy, reliability, and scalability
- Utilized statistical methods and data visualization techniques to explore and analyze data, uncovering patterns, trends, and correlations that provide actionable insights for the organization.
- Applied machine learning algorithms to analyze large datasets and extract meaningful insights, leveraging techniques such as regression, classification, and clustering

PROJECTS

Health Predictor View

Developed a machine learning-powered Health Predictor application to assist users in assessing potential health conditions based on input symptoms.

- Built a Flask-based web application to provide an intuitive and interactive user experience.
- Implemented a Support Vector Machine (SVM) model using Scikit-learn to predict health conditions with high accuracy.

- Pre-processed and analyzed medical datasets to enhance model performance and reliability.

LiveLens View

Developed a real-time information platform providing live currency conversion, weather updates, and news aggregation from CNN, BBC, and Fox News.

- Built a Flask-based web application to integrate multiple real-time data sources into a single platform.
- Implemented live currency conversion using external financial APIs to provide accurate exchange rates.
- Integrated weather update APIs to deliver location-based real-time weather forecasts.
- Developed a news aggregation system that fetches and displays the latest headlines from CNN, BBC, and Fox News.
- Optimized API calls and data processing to enhance performance and reduce latency.

Movie Review View

Developed a Movie Review platform enabling users to search for movies, write reviews, and collaborate with others.

- Built a Flask-based web application that allows users to sign up, log in, and manage their accounts securely.
- Integrated a movie search feature using an external movie database API to provide real-time movie information
- Designed a collaborative review system, allowing users to share insights and interact with other reviewers.
- Implemented authentication and authorization mechanisms to ensure secure user access.