Hello
I'm Favour George,

A Python Developer

Profile

I'm a driven Python Developer passionate about contributing to innovative projects and continuously advancing my technical skills. I am committed to delivering reliable, high-quality code that solves real-world problems and adds value. I bring a meticulous approach to ensure stability in production environments.

Contact

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GitHub

Skills

- **Frontend Development:** Skilled in creating responsive, intuitive user interfaces with HTML, CSS, Bootstrap, and JavaScript.
- **Backend Development:** Experienced in server-side development with Flask, FastAPI and Django, including SQL and NoSQL database management for scalable applications.
- **API Design & Development:** Proficient in designing and building robust RESTful APIs to enable seamless data exchange and functionality across systems.
- **Data Science & Machine Learning:** Competent in data analysis and visualization using Pandas, Numpy, Matplotlib, Plotly, and Seaborn. Skilled in implementing machine learning models with Scikit-Learn and TensorFlow to derive actionable insights.
- **Testing & Quality Assurance:** Dedicated to Test-Driven Development (TDD) using Pytest and Unittest to ensure code reliability and maintainability.
- **Artificial Intelligence:** Experienced in leveraging AI tools like OpenAI and LangChain to build intelligent, data-driven solutions.
- **Web Scraping:** Skilled in extracting and parsing web data with tools like Beautiful Soup and Scrapy for efficient data gathering.
- **Version Control:** Proficient in version control practices to ensure collaborative and efficient code management.
- **Database Management:** Capable of effectively managing, optimizing, and maintaining both relational and non-relational databases.

Projects

Spam Filter

- Designed and implemented a Naive Bayes model from scratch to classify spam mails from regular mails.
- Evaluated the model through metrics such as Accuracy, F1 Score and Precision.
- Compared the bare bone model to a model implemented with libraries such as Scikit-Learn.

Order Management API

- Designed and implemented a REST API in Python to help E-commerce businesses manage orders coming into their websites.
- Integrated a fluid frontend user interface to help non technical users have access to the same functionalities as the API.
- Designed the database to store and retrieve orders for multiple businesses on demand

Rental Management System

A comprehensive web application designed to streamline property rental processes for landlords and tenants.

- The system enables property owners to manage listings, track tenant details, lease agreements, and payment history, while tenants can browse available properties, submit applications, and make rental payments online
- Key features include automated rent reminders, maintenance request management, and a dashboard for real-time insights on property occupancy and finances.
- Built with a responsive interface and secure backend to ensure seamless property management and tenant engagement.

Fatal Police Shootings

- Analyzed a dataset containing fatalities of police shootings in cities across the United States of America.
- Visualized the dataset to show what cities, race and gender were most likely to become victims of a police shooting.
- Demonstrated the age distribution most likely to become a victim of a police shooting..

Education

University of Uyo, Uyo

On-going Bachelor of Science degree in Computer Science.