Olaleye Ayomide, Peter

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Professional Summary

Certified AI/ML developer, data analyst, and web developer with strong expertise in Python programming, Flask, and data visualization using Pandas and Matplotlib. Experienced in building full-stack web applications, analyzing data, and developing AI-powered solutions. Adept at integrating machine learning models, creating responsive interfaces, and working with real-time data visualization.

Skills

- **Programming Languages**: Python, JavaScript, HTML/CSS
- **Frameworks**: Flask, Bootstrap
- **Machine Learning**: TensorFlow, scikit-learn, Keras
- **Data Analysis**: Pandas, NumPy, Data cleaning, and manipulation
- **Data Visualization**: Matplotlib, Chart.js, Seaborn
- **Web Development**: Frontend (HTML, CSS, JavaScript), Backend (Flask)
- **APIs & Tools**: Maverick Payments API, Twilio API
- **Version Control**: Git, GitHub
- **Other**: Model training and tuning, data processing, project management

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Soft Skills

- **Communication**: I excel at articulating complex ideas clearly to various stakeholders.
- **Teamwork**: I have experience collaborating with cross-functional teams to achieve project goals.
- **Problem-Solving**: I possess strong analytical skills to identify issues and develop effective solutions.
- **Adaptability**: I am comfortable adjusting to changing priorities and learning new technologies quickly.
- **Time Management**: I effectively manage multiple tasks and consistently meet deadlines in fast-paced environments.
- **Attention to Detail**: I ensure accuracy and quality in both coding and data analysis tasks.
- **Creativity**: I take an innovative approach to problem-solving and project development.

Professional Experience

Freelance AI/ML, Data Analyst, and Web Developer
June 2022 – Present

- Developed and deployed a full-stack web application for Forex tracking and prediction using Flask, integrating real-time data visualization and machine learning models for accurate predictions.
- Conducted extensive data analysis using Pandas for data preprocessing, cleaning, and manipulation to ensure accurate model training.
- Created visualizations using Matplotlib and Chart.js for exploring trends and patterns in Forex data, enhancing decision-making capabilities.
- Built responsive and interactive web interfaces with HTML, CSS, and JavaScript, enhancing user engagement and functionality.
- Provided administrative support for clients, including web development tasks, data management, and content creation.
- Built custom tools using Python and Pandas to automate data analysis tasks, improving efficiency by up to 30%.

Projects

Forex Tracking and Prediction Software

- Created a full-stack web application using Flask, integrating machine learning models for predicting Forex price movements.
- Analyzed large datasets using Pandas to preprocess and clean data for model training, ensuring high prediction accuracy.
- Visualized historical Forex data using Matplotlib and Chart.js, allowing users to interact with and explore data trends.

Bulk SMS Platform Using Twilio API

- Developed a web-based platform allowing bulk SMS sending internationally using Twilio API.
- Designed the frontend using HTML, CSS, and JavaScript, while building the backend with Flask for managing SMS functionalities.

AI-Powered Chatbot for Appointment Booking

- Built a chatbot using Python to handle customer interactions, including appointment bookings, CRM updates, and automated responses.
- Designed mock data integration to simulate real-time updates and customer support processes.
- Successfully implemented booking flow management and streamlined customer communication for improved engagement.

Education and Certifications

BSc in Computer Science
Graduation Year: 2027
Osun state University

Certified AI/ML Developer – Robotics and Artificial intelligence Nigeria (RAIN)