ERICK OVANDO

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OBJECTIVE

Highly committed and driven professional with 2 years of experience in the IT Industry, specializing in Cloud Services, Data science using Python, and software development. Currently seeking a challenging role to apply my expertise in coding, debugging, and troubleshooting while collaborating with other developers and stakeholders to contribute to the growth of a dynamic organization. Dedicated to continuous learning and personal growth to develop efficient programs that align with user needs and business objectives.

SKILLS

- Java, JavaFX
- Git-Hub
- ASP. NET
- Python, Django Framework
- HTML5, CSS3, and JavaScript
- PHP, MySQL, PostgreSQL
- Analytical thinking

- Active listening
- Critical thinking
- Problem-solving abilities
- Customer service
- Work Ethics and Integrity
- Patience and Empathy
- Teamwork

EDUCATION

Diploma in Computer Programming   September 2023 - April 2025
Georgian College at ILAC, Ontario

EXPERIENCE

General Labor   November 2023 – May 2024
Team Global Inc, Toronto, ON

- Performed construction plastics production every 2 hours to ensure product quality and inspected and verified the material used in the production process to ensure its suitability and quality, with the ability to carry heavy items.
- Collaborated with a strong work ethic with the production team and other departments to ensure smooth and efficient operations.
- Communicated any problems or anomalies in the production process to the immediate supervisor and worked on effective solutions.

PROJECTS   SPECIFIC LEARNINGS >>>>>>>>>> [Git Hub Portfolio]()

Voice Assistant using Python

Developed an advanced voice assistant using Python capable of performing various tasks through voice commands. The project integrates several Python libraries and APIs to enhance functionality and user experience:

- Speech Recognition: I implemented speech recognition using the speech_recognition library to convert audio input into text, enabling the assistant to understand and process user commands.
- Text-to-Speech: I utilized pyttsx3 for text-to-speech conversion, providing auditory responses to user queries.
- Web Browsing and Automation: I incorporated a web browser and pywhatkit to open websites, perform internet searches, and play YouTube videos based on user requests.
- Stock Price Retrieval: I integrated yfinance to fetch and report the current stock prices of major companies.
- Humor and Entertainment: I added functionality for the assistant to tell jokes using pyjokes.
- Wikipedia Integration: I used the Wikipedia API to fetch and read summaries of topics queried by the user.

- Localization: I configured the assistant to operate in Spanish, providing a more personalized experience for Spanish-speaking users.

This project demonstrates proficiency in Python, voice recognition technology, API integration, and automation, showcasing the ability to create interactive and user-friendly applications.

Restaurant Billing System using Python and Tkinter

Developed a comprehensive restaurant billing system using Python and Tkinter, demonstrating strong proficiency in GUI design and software development. The key features of the project are as follows:

- Dynamic User Interface: I utilized Tkinter to create an intuitive and interactive user interface, including panels for food, drinks, and desserts, a calculator for easy billing, and a text area for generating and displaying receipts.
- Automated Calculations: I implemented automated price calculations for selected items, including subtotal, taxes, and total amounts, ensuring accuracy and efficiency.
- Receipt Generation: I developed functionality to generate, display, and save detailed receipts, capturing all ordered items, quantities, costs, and totals.
- Interactivity: I enabled real-time updates and interactivity using Tkinter widgets like Check buttons, Entry fields, and Buttons, enhancing user experience.
- Data Management: I incorporated Python's datetime and random modules to generate unique ticket numbers and timestamps for each receipt.

This project showcases my ability to develop practical, user-friendly applications and my understanding of Python and Tkinter for desktop GUI development.

Django Web Application: Task Management System

Developed a task management web application utilizing the Django framework and the Python programming language. The project encompasses comprehensive task management and user authentication functionalities. Notable features comprise:

- User Authentication: Facilitates user registration, login, and logout processes. It encompasses a robust authentication system and login and registration forms.
- Task Management: Enables users to create, view, modify, and remove tasks. The interface exhibits pending and completed tasks, offering options to search and filter tasks.
- User Interface: Incorporates HTML and CSS to deliver an aesthetically appealing visual presentation, featuring a design structure inclusive of a top bar, input forms, and task display.
- Interactivity: Implements interactive elements such as task search and the capacity to designate tasks as complete or incomplete, providing real-time updates to the task list.
- CSRF Protection: Integrates CSRF tokens in forms to fortify the application against cross-site request forgery attacks.

This project serves as a testament to proficiencies in web development using Django, database management, and user interface design.

CERTIFICATION

Python Total: Advanced Programmer in 16 days   May 2024
Udemy

AWS Certified Cloud Practitioner Foundational   July 2024
Udemy

Python for Data Science and Machine Learning Bootcamp   July 2024
Udemy

Python Essentials 1   May 2023
CISCO, Networking Academy