

Aman

Python Developer

Summary

Passionate and motivated with 2.2 years of corporate experience as a Python Developer. Looking for an opportunity to work in a challenging position combining my skill in Software engineering, which provides professional development, interesting experiences, and personal growth.

Professional Summary

- Over 2.2 years of combined work experience in Analysis, Design, and Web Application Development.
- Expert in Python scripting, Fast API, Visualized using Pandas and Matplotlib/Seaborn for organizing data, worked in stats function using NumPy.
- Design and develop the operational data analysis and the visualization tools, techniques, metrics, and dashboards to meet the business needs of Risk analytics.
- Experience object-oriented programming (OOP) concepts using Python.

Recent Project

Project 1: Chatbot Module

Role: Developer

Technology used: Streamlit Frame :Streamlit is framework to rapidly build and share beautiful machine learning and data science web apps.

LangChain:LangChain is framework that allows AI developers to combine Large Language Models (LLMs) like GPT-4 with external data.

Project details: It is a chatbot for user , user can chat and get all information as they want

- Design and develop chatbot application using Python programming language.
- Understand and analyze user requirements to determine the functionality and features of the chatbot.
- Implement natural language processing (NLP) techniques to enable the chatbot to understand and respond to user queries.
- Integrate the chatbot with external APIs and databases to retrieve and store relevant information.
- Develop conversational flows and dialogues for the chatbot to engage with users in a meaningful way.

Project 2: Eye Detection Module

Role: Developer

Technology used: Python

Import Libraries :

- cv2 (OpenCV) for computer vision tasks
- os for accessing the file system
- load_model from keras.models for loading a pre-trained eye detection model
- numpy as np for numerical operations
- mixer from pygame for playing audio

Project details: In this project detect human eyes, eyes are opened or closed we can easily detect with this project If eyes open then score below 15 and if eye is close after 15 second give alert sound

- Create model and train it from own dataset with image data
- Develop eye detection using cv2,numpy libraries.

Project 3: Happier

Role: Developer

Technology used: Python, Fast API, pandas, selenium, requests, MS SQL

Project details: We must cultivate them within ourselves and our reality as it is, by practicing emotional fitness skills and creating a more supportive relationship with ourselves, our thoughts, our emotions, and other people. This is the mission for Happier and my life's work: To help you strengthen your emotional fitness skills so you can struggle less, thrive more, and be a positive force of good in the world!

- Used Flask framework for application development. Developed user interface using CSS and HTML.
- Developed an integrated log system for the entire automation solution.
- Prepared user manual for the automation solution.

Technical Skill set:

Tools: Python, Fast API, PostgreSQL, MySql, SQL Server, Apache Hive, Git, Jenkins, JIRA, Linux, MS Office

Packages: pandas, selenium, Beautiful Soup, requests

Education

Bachelor of Engineering (Information Technology)

Indore

Languages

English

Hindi