Rohan Rajkumar Khatik

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Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

Experience

- **HAZHTeq Innovations Pvt Ltd**   01/01/2023 - 30/04/2023
  Python Developer
  During my internship at Hazhtech Innovation Pvt Ltd, I actively worked on Python programming language, as well as gained hands-on experience in Machine Learning and Natural Language Processing (NLP). I successfully completed numerous tasks and projects for the company, showcasing my skills in these areas.

- **iNeruon.ai**   01/02/2023 - Present
  Data Science Intern
  I am currently undertaking a data science internship at iNeuron.ai remotely. My motivation for enrolling in this internship is to enhance my knowledge and skills in the field of data science. Throughout the internship, I will be exposed to various projects in machine learning, computer vision, NLP, and more. This opportunity will enable me to gain hands-on experience and practical insights into real-world applications of data science.

- **FACULTY OF SCIENCE SUMMER INTERNSHIP PROGRAM**   15-05-2022 - 15-07-2022
  Machine learning Internship
  I completed a summer internship at the Faculty of Science, where I gained knowledge in machine learning algorithms and Python programming. It provided me with a foundation in the fundamentals of machine learning.

Education

- **The Maharaja Sayajiroa University of Baroda**   2023
  Bachelor's of Computer Applications
  8.2 CGPA

Technical Skills

- HTML, CSS
- Javascript
- C#, .Net
- Python, Flask
- Django Framework
- Machine learning
- Natural language processing

Projects

- **Flipkart Review Scraper**

  This Python project utilizes Beautifulsoup, jsonify, requests, and Flask to fetch Flipkart reviews and display them in web. It utilizes web scraping techniques to extract and present the data.
- **Movie Recommendations System**

  In this project, a dataset from Kaggle is used for Exploratory Data Analysis (EDA) and Feature Engineering. The data is cleaned and text data is converted into vectors. The Cosine Similarity algorithm is employed to measure similarity between data points, allowing for the identification of similar movies.
- **Used Car Selling Website**

  I have developed a used car selling website using Django. The frontend is built using HTML, CSS, JavaScript, and Bootstrap to ensure an appealing user interface. The backend is powered by Django and utilizes a PostgreSQL database. The website allows the admin to perform CRUD operations on car data, enabling them to add, delete, and update car listings. Users can browse through all cars and view their features.
- **Spelling Corrector**

In this spelling corrector project, I implemented the Symspell library to correct misspelled words entered by the user. The library utilizes operations like deletion, insertion, transposition, or replacement of characters within the original word. It then compares these candidates against a dictionary to find the closest match and suggest the correct word.

- **Text to Speech Conversion**

  In the text-to-speech conversion project, I utilized the Gtts library. This library enables the conversion of text data into the MP3 audio format, allowing for the generation of speech from text input.

- **Chatbot**

  Chatbot using PyTorch and NLTK. The
  chatbot is trained on a set of predefined patterns and their corresponding responses stored in a JSON file. The chatbot uses bag of words and neural networks to classify the user input and generate appropriate responses.

Personal Details

- Date of Birth : 02-02-2002
- Nationality : Indian
- Gender : Male