Aditya Rawat

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EDUCATION

HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GGSIPU UNIVERSITY)
B.tech in Computer Science Engineering
Expected Grad. Sept 2024
New Delhi, IN
CGPA: 8.6/10
Till 6th sem

NALANDA MODERN PUBLIC SCHOOL
New Delhi, IN
Class XII: 80.9% (July 2020)
Class X: 86% (May 2018)

SKILLS

PROGRAMMING
Languages
• Python • SQL • C • C++
• Javascript

Technologies/Frameworks
• NumPy • Flask • AWS • Git
• RESTful APIs • MongoDB • Linux
• Bash Scripting

Familiar
• Tensorflow • Next Js • MySQL

CODING PROFILES

Kaggle:// **Aditya Rawat**
Leetcode:// **Xcaliber**
GeeksForGeeks:// **0xcaliber**
HackerRank:// **Cs-Aditya-Rawat**

OTHER ACTIVITIES

• Write **Python and Bash** script to automate my workflow.
• Develop Bot to automate trading in **cryptocurrencies**.
• State level **volleyball** player.
• Play chess.

EXPERIENCE

BHRAMAAND | PYTHON BACKEND DEVELOPER
May 2023 - Present | New Delhi, IN
- Worked with Facebook **GraphAPI** to fetch the **12,000 to 15,000 Instagram** User Data.
- Download Google Images using **Google API** and Perform Upscaling on them using **StabilityAPI**

PROJECTS

CHICKEN DISESASE CLASSIFIER | PYTHON, NumPy, PANDAS
• Developed an end-to-end deep learning project utilizing **MLOps DVC pipeline** with deployments on **AWS**, enabling efficient data management and version control.
• Trained and evaluated a custom **VGG16 model** for accurate classification of chicken disease images, achieving an **94%** accuracy on the validation set.
• Created a **Flask-based** web application for interactive image classification, providing real-time predictions and enhancing user experience.

ZOMATO RATING PREDICTION | PYTHON, NumPy, SCIKIT-LEARN
• Conducted extensive **Exploratory Data Analysis (EDA)** on the **Zomato** Dataset, extracting **valuable insights** on popular restaurants, cuisines, and customer preferences.
• Built a **robust Machine Learning Model** to predict restaurant ratings, empowering Zomato Restaurants to make informed decisions and enhance customer satisfaction.
• Leveraged **Python, Jupyter Notebook, and FastAPI** to perform the analysis, showcasing proficiency in Machine Learning, Data Analysis, and Ecommerce domains.

SPOTITUBE MP3 DOWNLOADER | PYTHON, WEB SCRAPPING
• Developed a **web scraping** script using **BeautifulSoup** to extract **metadata** from a Spotify playlist
• Utilized the Requests library to make HTTP requests, enabling retrieval of playlist data and individual song pages
• **Implemented audio downloading** functionality using yt-dlp to fetch MP3 versions of songs

LAZY | MERN STACK
• Developed a Social media app using **MERN** stack
• Created **Rest API with Node** to follow/unfollow, authentication, posts and like/dislike.
• Support **realtime chatting using Socket.io**.
• Used MongoDB for storing the user and posts data. Used **States and context in react** for managing the states and data in the application.
• Tech used :- **Express.js**, **React.js Node.js**, **Mongo DB**, **Axios**, **Socket.io**, **CSS**, **JS**.

PUBLICATIONS

• Aditya Rawat, Harshit Chauhan, Kartik Negi, Rishi **Analysis of Transformer-Deep Neural Netowrk using Deep Learning**, 2023 IJEAST