

Aditya Rawat

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EDUCATION

HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GGSIU 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:// **Oxcaliber**

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 **Instagram** User Data.
- Download Google Images using **Google API** and Perform Upscaling on them using **StabilityAPI**

PROJECTS

CHICKEN DISEASE 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