

AYUSH TIWARI

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GitHub

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Skills

- **Python | Machine Learning | Scala | Kafka | AWS | Data Visualization SQL | Jupyter Notebook | Database Management | Big Data Technologies | Statistical Analysis | HTML | CSS | Bootstrap | Figma | Git | Github | Lucid Chart**
- **OOPs - JAVA (Familiar) | MERN Stack**
- **Frontend | Backend | Full-Stack | English, Hindi – All professional proficiency or above**
- **Data Science and Machine Learning skills** : Predictive modeling | Distributed systems for machine learning | Scalable data processing and analysis | Data structures and algorithms for machine learning | Model deployment and serving
- **Soft Skills** : Collaboration and teamwork | Agile development methodologies | Problem-solving and analytical thinking | Communication and interpersonal skills | Ability to work in a fast-paced environment | Adaptability and flexibility | Leadership and innovation | **Time management and prioritization** | High-quality software delivery
- **Communicative and Personal Skills**: **Active Listener | Problem Solving | Leadership | High Adaptability | Attentive Listening | Customer Relationship | Client Management | Time Management | Conflict resolution | Content Writing Blog | Interpersonal Skills | Decision Making | Team Management | Working in Team | Support skills |**

Experience

Freelancing

Freelancing

07/2022 - Current

- Data Analyst, UI Designer - Figma | Thumbnail Design - Canva | Lucid Charts
- Worked on Front End Development on Multiple Projects with Team member and Team lead, UI Designer - Figma & Provide an Idea over feature of Image recognition & Processing for FREE hand reading | RitualGuru Indian small StartUp | 08/2024 - 09/2024

Education

Bachelor of Technology

Institute of Engineering and Technology Lucknow, UP, INDIA 2020 - 2024

- Major in Computer Science

Advanced Diploma in Computer Application

Registered By The Government of India

INDIA

2021

- Major in Computer Application | A+

Diploma on Computer Application

Registered By The Government of India

INDIA

2020 - 2021

- Major in Computer Application | A+

Intermediate (12th)

UP BOARD

Gorakhpur, UP, INDIA


2018 - 2020


- Major in PCM (Physics, Chemistry, Maths)

- High School

Projects

- **Traffic - Control** : This project is an application of the Lambda Architecture that tracks the traffic **safety** and **congestion** of each street in the city. It shows recent traffic crashes, **red light** and **speed camera violations**, and **traffic patterns of 1,250** street segments within city limits. [Links](#) : 
- **Notes - Notes Manager** : MERN full stack app with proper **authentication** and **authorization** (03/2024) [Links](#) : 
- **Movie Recommendation**: This is a **Python-based** movie recommendation system that implements **text-retrieval techniques** and **Graphical User Interface**. One special thing about this system is that its **recommendations** were tailored around users' emotion of the moment. There are so many existing movie recommender systems available in the market, but only a small number of them were designed based on users' psychological needs. The main objective of this project is to fill this gap by making traditional recommender system more user-driven [Links](#) : 
- **TED Talk Recommender**: Created a Ted talk recommendation app which recommends the ted talk you may like according to it's **popularity** and user interest and behavior and **mutual actions** [Links](#) : 
- **Fake News Detection**: The project aims to develop a **machine-learning model** capable of **identifying** and **classifying** any **news article** as fake or not. The distribution of fake news can potentially have highly adverse effects on people and culture. This project involves building and training a model to classify news as fake news or not using a diverse dataset of news articles. We have used four techniques to determine the results of the model. [Links](#) : 
- **Flipkart Review Sentiment Analysis** : Flipkart is one of the most popular **Indian companies**. It is an **e-commerce** platform that competes with **popular** e-commerce platforms like **Amazon**. One of the most popular use cases of **data science** is the task of sentiment analysis of **product reviews** sold on e-commerce platforms. [Links](#) : 
- **Store Sales Prediction**: This App aim to provide insight by doing **predictive analysis** of **previous data** it also conclude the **important facts like festival, inflations, economy, back day and season sales, current political** [Links](#) : 
- **Stock Price Prediction**: **Stock** (also known as equity) is a security that represents the ownership of a fraction of a corporation. This entitles the owner of the stock to a proportion of the **corporation's assets** and **profits equal** to how much stock they own. Units of stock are called "**shares**." A stock is a general term used to describe the ownership certificates of any company. Stock prices change everyday by market forces. By this we mean that share prices change because of supply and demand. If **more** people want to **buy** a stock (demand) than sell it (supply), then the price moves up. Conversely, if more people wanted to sell a stock than buy it, there would be greater supply than demand, and the price would fall. Understanding supply and demand is easy. So, why do stock

prices change? The best answer is that nobody really knows for sure. Some believe that it isn't possible to predict how stocks will change in price while others think that by drawing charts and looking at past price movements, you can determine when to buy and sell. The only thing we do know as a certainty is that stocks are **volatile** and can change in price extremely rapidly. [Links :](#) 

- **Wine Quality Detection:** This project focuses on predicting the quality of wines based on their physicochemical properties. This project explores various deep learning models to find the most effective approach for this prediction task, considering the nuances between different types of wines. [Links :](#) 

- **Disease Detection Advanced:** This project aims to make use of Machine Learning techniques to detect instances of Parkinson's Disease. The project performs the following tasks:

- 1 Data Collection


- 2 Data Preprocessing


- 3 Exploratory Data Analysis

- 4 Dataset Balancing & Scaling

- 5 Machine Learning Models Training & Evaluation

[Links :](#) 

- **Disease Detection:** This project aims to provide which disease by doing Prescriptive analysis by data such as symptoms and weather [Links :](#) 

- **Heart Disease Prediction Using Logistic Regression:** Logistic regression is a type of regression analysis in statistics used for prediction of outcome of a **categorical dependent variable** from a set of predictor or **independent variables**. In logistic regression the dependent variable is always **binary**. Logistic regression is mainly used for prediction and also calculating the probability of success. [Links :](#) 

Professional Summary

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

- Results-oriented Data Science enthusiast with hands-on experience in Predictive modeling, Natural Language Processing, and Computer Vision Skilled in Data cleaning, feature engineering, and model evaluation. Proven ability to collaborate effectively with cross-functional teams to deliver impactful solutions with strict Time management and Dedication towards the end goal along with proper Leadership, Support and Guidance with High Adaptability from and to Seniors and Juniors respectively.

Certifications

- CCC: Course on Computer Concept by Nielit (A+)