

ANKIT Kumar

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Projects

Movie Recommendation Web Application / Movfix

September 2024

- **Description:** Designed a personalized recommendation engine utilizing advanced Cosine Similarity for recommendations based on genre, cast, and crew. Integrated IMDb data using the OMDb API for real-time ratings and visuals, with seamless deployment via Flask on Render.
- **Technologies:** Python, Pandas, Scikit-learn, Flask, HTML/CSS, OMDb API, Render, REST API, Git
- **Live Demo:** [Movfix](#)
- **GitHub:** [Movfix](#)

Weather Forecasting Web Application / Weather.IO

September 2024

- **Description:** Engineered a predictive analytics web app employing LSTM neural networks for accurate weather predictions. Integrated OpenWeatherMap API for live data updates, deployed using Flask with a responsive UI.
- **Technologies:** Python, Flask, TensorFlow, OpenWeatherMap API, JavaScript, Pandas, HTML/CSS, Render, Git
- **Live Demo:** [Weather.IO](#)
- **GitHub:** [Weather.IO](#)

Product Scraper and Sentiment Analysis Web Application / Evara

September 2024

- **Description:** Developed a full-stack application for product data extraction and customer sentiment analysis using NLP techniques. Delivered an interactive interface with Flask and utilized MySQL for scalable data storage.
- **Technologies:** Python, BeautifulSoup/Scrapy, Flask, MySQL, Natural Language Processing, HTML/CSS, Git
- **Live Demo:** [Evara](#)
- **GitHub:** [Evara](#)

Relevant Work Experience

Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation

Forage - September 2024

- Led data storytelling initiatives for TCS, preparing insights for high-impact client leadership meetings.
- Created actionable visualizations that supported executive decision-making.

PwC Switzerland Power BI Job Simulation

Forage – September 2024

- Applied advanced Power BI skills to create client-focused reporting solutions.
- Designed insightful dashboards with key performance indicators (KPIs) for stakeholder analysis, focusing on gender diversity in HR.

British Airways Data Science Job Simulation

Forage - June 2024

- Highlighted the role of data science in optimizing airline operations.
- Conducted customer sentiment analysis and built predictive models for buying trends.

Accenture North America Data Analytics and Visualization Job Simulation

Forage - June 2024

- Guided social media client with data cleaning and trend analysis to optimize content performance.
- Delivered data-driven insights through a PowerPoint and video presentation.

Education

Ram Krishna Dwarika College

2021 – 2024

Bachelor of Computer Applications

Patna, Bihar

PW Skills

2023 – 2024

Data Science Master 2.0

Patna, Bihar (Online)

Technical Skills

Data Analysis & Visualization: Excel, Power BI, Tableau | **Databases:** MySQL, MongoDB | **Programming Languages:**

Python, HTML, CSS, JavaScript | **Machine Learning & AI:** ML, Deep Learning, NLP | **Big Data Technologies:** Big Data |

Web Development: Flask | **Version Control:** Git | **Deployment Platforms:** Render, Netlify

Extracurricular

Titan World Drawing and Painting Competition

2013 & 2014

National Computer Education Council Olympiad

2018