Saksham Maurya

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Career Objective

Aspiring Data Science and Machine Learning professional with a strong foundation in analytical thinking, programming, and algorithms. Seeking to contribute to real-world data-driven decision-making in a dynamic, growth-oriented organization.

Education

Institution	Degree/Board	Year
Mohd. Hasan PG College, Jaunpur	Bachelor of Computer Application (GPA: 7.63/10)	2023–2026
Mohd. Hasan Inter College, Jaunpur	UP Board – Science (78.4%)	2023

Technical Capability

Skills:	NLP, Machine Learning, Deep Learning, AI, Data Analysis, Feature - Engineering, Model Evaluation, Data Structures and Algorithms, DBMS, Software Design
Languages :	Python, Java, C, C++, HTML, CSS, JavaScript
Tools & Platforms :	Git, Docker, SQLite, Jupyter Notebook, VS Code, Google Colab, GitHub, Streamlit Cloud, AWS (basic)
Libraries & : Frameworks	Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, Flask, FastAPI, Streamlit, Django

Experience

Data Science Virtual Internship – Lloyds Banking Group (via Forage) - June 2025 | Virtual

- Developed a customer churn prediction model using Random Forest, achieving an ROC-AUC score of 0.82.
- Applied advanced data preprocessing, feature engineering, and visualization using pandas, scikit-learn, and matplotlib.
- Tuned model performance with GridSearchCV and analyzed feature importance to extract actionable insights.

Projects

Uber Trips Data Analysis *(March'2025 - April'2025)*

- Analyzed Uber trip data to identify ride patterns, cost drivers, and trends across years and service types.
- Cleaned and visualized ride data to reveal user preferences, cancellations, and operational insights.
- Assessed fare efficiency, trip durations, and product popularity to inform business recommendations.

IPL Score Prediction *(April'2025 - May'2025)*

- Built and deployed a deep learning IPL score predictor with Flask and Keras, supporting real-time inference.
- Developed a web app for IPL score prediction using a trained neural network and interactive user inputs.
- Created an end-to-end ML pipeline for IPL score prediction, from preprocessing to web deployment.

Movie Review Sentiment Analysis *(May'2025 - June'2025)*

- Built and deployed an IMDB sentiment analysis app using TensorFlow, Keras, and Streamlit.
- Designed an end-to-end movie review sentiment classifier with RNN, achieving 98% training accuracy.
- Developed a user-friendly movie review sentiment prediction tool with real-time feedback in Python.

Certifications

- Python (Basic) - **HackerRank**.
- Data Structures and Algorithms - **Udemy**.
- Complete Data Science, Machine Learning, NLP, Deep Learning Bootcamp - **Udemy**.

Achievements

- Semi-Finalist, National Coding League Season 2 - **Scaler**
- Solved 500+ coding problems; ranked in Top 9% globally - **LeetCode**
- Qualified for Software Engineer Role Test - **HackerRank**