Saksham Maurya

sakshammaurya3232@gmail.com | linkedin.com/in/saksham-maurya-3feb/ | +91 8957773252
github.com/saksham3232 | saksham-portfolio.streamlit.app | leetcode.com/u/sakshamIQ/

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:	Machine Learning, NLP, 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 | *Python, Pandas, NumPy, Matplotlib, Seaborn* *[GitHub Repo]*

- Performed EDA on 500+ Uber trips to derive insights on user behavior, cancellations, and trip trends.
- Engineered features like cost/km, lead time & trip duration to support business decision-making.
- Visualized trends using seaborn, matplotlib; cleaned & transformed raw data for actionable insights.

IPL Score Prediction | *Python, Scikit-learn, TensorFlow, Keras, Flask* *[GitHub Repo]*

- Developed a deep learning model to predict IPL scores with MAE of 19.2 using TensorFlow and Keras.
- Implemented full ML pipeline: preprocessing, encoding, scaling, modeling, evaluation, and deployment.
- Deployed an interactive Flask web app for real-time IPL score prediction using trained regression model.

Movie Review Sentiment Analysis | *Python, Tensorflow, Keras, NLP, Streamlit* *[GitHub Repo]*

- Deployed IMDB sentiment analysis app using RNN & Streamlit with 84% accuracy on test data.
- Built text classifier using SimpleRNN on IMDB dataset with preprocessing and early stopping.
- Designed NLP app in Streamlit for real-time review classification using trained Keras model.

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**