

# Praveen Kumar

+91 7982774791 | [praveen.mcs22.du@gmail.com](mailto:praveen.mcs22.du@gmail.com) | [linkedin](#) | [github/praveenkumar0607](https://github.com/praveenkumar0607)

## Skills

**Technical Proficiency:** C++, JAVA, Python, SQL, Django, Rest Framework, HTML, PHP, Node

**Data Science Technology:** Machine Learning, EDA, SciKit, Pandas, Numpy, Matplotlib, Seaborn, Neural Network

**Tools:** Grafana, Prometheus, Git, Github, Docker, AWS, Netlify, Postman

**Soft Skills:** Critical Thinking, Team Collaboration, Problem Solving

## Experience

**Data Scientist**, Nighwan Technology Pvt. Ltd. – Gulmohar, Hyderabad

March, 2024 – present

- **Developed E-commerce Analytics Platform** with **data ingestion, preprocessing, and machine learning** that can handle **1 lakh data points**.
- **Implemented user authentication and role-based access control** for 500+ users and secure data handling.
- **Engineered real-time monitoring and visualization** for **100 metrics** using **Grafana** and **Prometheus**.
- **Designed recommendation systems and predictive models** using **advanced machine learning techniques** for data insights with 80% accuracy.

## Projects

### Movie Recommendation System

- Developed comprehensive movie recommendation system using **Python, Django, and machine learning** handling **10,000 movies** and **1000+ users**.
- Designed and integrated **recommendation engine** with **collaborative filtering** and **content-based techniques** enhanced with 90% accuracy into **Django web application**.
- Acquired skills in **machine learning algorithms, Django development, and frontend design** with **HTML/CSS**.
- Project helped me learn to deploy end to end projects.

### Fake News Detection

- **Engineered** advanced fake news detection system utilizing **machine learning algorithms** and **NLP techniques** in **Python**.
- **Constructed and deployed text classification models** with 90% accuracy to identify and filter false information from news articles, improving content reliability.
- Gained expertise in **NLP, machine learning algorithms, and data preprocessing**, applying these skills to create model that reduced false positives by **25%**.
- Enabled users to **verify news** accuracy and credibility , processing under 2 seconds.

### Stock Market Price Prediction

- **Created** end-to-end stock market prediction system using **Python** and **machine learning techniques**
- **Built and applied time series forecasting model** that achieved **15% improvement in predictive accuracy** for future stock prices.
- Mastered time series analysis, **regression models, data preprocessing** and reduction in **error by 20%**.
- **Developed standalone application** with 90% accuracy that empowers users to make informed investment decisions.

### Cricket Data Analysis

- Created complete cricket data analytics solution leveraging **web scraping** and **Power BI** over 100,000 data.
- Engineered a robust **data pipeline** for **scraping, cleaning, and analyzing** cricket data from multiple.
- Mastered **web scraping techniques, data manipulation** with **Pandas**, and **data visualization** using **Power BI**.
- Delivered insights and **interactive dashboards** for enhanced analysis of cricket performance and trends

## Education

**B.Sc(H) Computer Science** – Deen Dayal Upadhyaya College, Delhi

2019 – 2022

**M.Sc Computer Science** – Department of Computer Science

2022 – 2024