

Ashish Sharma

Data Scientist

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📍 London, UK

PROFESSIONAL SUMMARY

Recent MSc Data Science graduate from the University of East London with experience as a Workday Tech-Functional Consultant at Hitachi Vantara. Seeking Data Scientist or Data Analyst roles with the right to work in the UK under a graduate visa.

Technical skills:

- **Programming:** Python (TensorFlow, PyTorch, Pandas, NumPy, Scikit-learn), R, SQL.
- **Data Visualization:** Tableau, Matplotlib, Seaborn, Plotly.
- **Machine Learning:** Classification, Regression, Clustering, Deep Learning, Time Series Forecasting, NLP.
- **Automation:** Selenium, Workday Studio, MLOps.
- **Artificial Intelligence:** LLMs, Agents, Rags, Fine tuning (LORA, QLORA), Chatbots.

Soft skills:

- Cross-functional collaboration
- Analytical reasoning
- Leadership and mentoring
- Communication and presentation

EDUCATION

MSc. Data Science, Distinction 89% | University of East London | London, UK **01/2024 – 05/2025**

- *Key Modules:* Spatial Data Analysis (Distinction), Advanced Decision Making and Predictive Analytics (Distinction), Quantitative Data Analysis (Distinction), Data Ecology (Distinction).
- *Dissertation:* Predictive Modeling for Credit Card Fraud Detection Using AI: ML and DL Techniques.
- *Course Representative:* Elected to bridge faculty-student communication.

BEng in Computer Science, 9.23/10 CGPA | RTMNU | Nagpur, India **08/2017 – 05/2021**

- *Key Modules:* Algorithms (Distinction), Data Structures (Distinction), Software Engineering (Distinction).
- University Topper; developed Smart Vertical Garden system; holds two copyrights (2021): Smart Vertical Garden and Online Test System.

PROFESSIONAL EXPERIENCE

Technology Intern | Bright Network | London, UK **06/2024 – 07/2024**

- Developed machine learning model analyzing market trends, increasing sales by 15%.
- Boosted user interaction on the platform by 10% by implementing data-driven recommendations for content personalization.

Workday Techno-Functional Consultant | Hitachi Vantara | Pune, India **07/2021 – 01/2024**

- Resolved over 50 HR tickets monthly, reducing resolution time by 25% through efficient troubleshooting.
- Streamlined HR processes by automating workflows with Python and Selenium, achieving full automation and saving 20 hours monthly.
- Led three global Workday HCM integrations, improving efficiency by 7% for over 5,000 employees.
- Received the Rookie Star Award (2021) for exceptional early performance and Silver Award (2022) for outstanding contributions.

Data Analysis Intern | IT Networkz Infosystems Pvt. Ltd. | Nagpur, India **07/2019 – 01/2020**

- Optimized business strategies by 15% via comprehensive exploratory data analysis.
- Reduced data processing effort by 20% by automating pipelines with Python.

PROJECTS

Credit Card Fraud Detection | GitHub: [Ashishsharma-12/Credit-Card-Fraud-Detection](https://github.com/Ashishsharma-12/Credit-Card-Fraud-Detection)

- Engineered a machine learning model achieving 97% accuracy in credit card fraud detection, reducing false positives by 15%.
- Optimized preprocessing with Sklearn and TensorFlow, cutting feature engineering time by 40%.

Brain Tumor Detection CNN | GitHub: [Ashishsharma-12/Brain-Tumor-Detection-CNN](https://github.com/Ashishsharma-12/Brain-Tumor-Detection-CNN)

- Built convolutional neural network (CNN) with 97% accuracy for MRI tumor detection, implementing dropout in TensorFlow for robust performance.

Prediction of Unemployment Rates in India | GitHub: [Ashishsharma-12/Prediction-of-Unemployment-rates-in-India](https://github.com/Ashishsharma-12/Prediction-of-Unemployment-rates-in-India)

- Created a time-series pipeline to forecast unemployment rates, providing actionable economic insights.