Ashish Kumar Rastogi

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Education

- Currently pursuing **Master of Computer Applications** at **Invertis University (2024-2026)**
- Completed **Bachelor of Science** in 2024 from **MJPRU**
- Completed **Class 12th** in 2021 with a score of **72.6%**.
- Completed **Class 10th** in 2019 with a score of **80.5%**.

Skills

- **Programming Languages:** Python, C++, JavaScript
- **AI / ML:** NumPy, Pandas, Scikit-learn, TensorFlow, Keras
- **Web:** Flask, React.js, Node.js, REST APIs, Bootstrap, Tailwind CSS
- **Database:** MySQL, MongoDB
- **Tools:** Git, GitHub, Jupyter Notebook , VS Code, Power BI
- **Relevant Coursework:** Data Structures, DBMS, OS, Machine Learning

Experience /Internship

EduSkills   July 2025 – Sep 2025

AI/ML Virtual Internship (Supported by Google)   *Remote*

- Worked on deep learning projects using Convolutional Neural Networks (CNNs) for image-based classification and pattern recognition tasks.
- Implemented and evaluated CNN models using Python and TensorFlow, focusing on data preprocessing, training, and performance analysis on real-world datasets.

Projects

Disease Prediction Website (SwasthaLife)   Oct 2025 – Present

Python, Machine Learning, React.js, Node.js, MongoDB, REST APIs   *Individual*

- Developed a full-stack AI-based healthcare platform that predicts diseases using disease-specific inputs, symptom-based selection, and free-text user descriptions.
- Implemented and integrated machine learning models within a scalable React, Node.js, and MongoDB architecture to deliver real-time, probability-based disease predictions.

Road Damage & Pothole Classification   Aug 2025 – Sep 2025

Python, OpenCV , TensorFlow , Flask, Node.js   *Individual*

- Developed a deep learning-based image classification system to detect and classify road damages such as cracks and potholes using computer vision techniques.
- Utilized Convolutional Neural Networks (CNNs) for feature extraction and image recognition to enhance detection accuracy and automate road maintenance monitoring.

Retail Sales Prediction   May 2025 – July 2025

Python, Pandas, Scikit-learn, Matplotlib   *Individual*

- Developed a machine learning model to forecast retail store sales using datasets (features.csv, stores.csv, and train.csv).
- Applied regression algorithms (Linear Regression, Random Forest, and XGBoost) to identify sales patterns.
- Visualized sales trends and model performance through Matplotlib and Seaborn, supporting actionable business insights.

Leadership & Awards

- Led a team in the **ISRO Hackathon** on Forest Forecasting, gaining hands-on experience in data-driven prediction and real-world problems.
- Secured **1st rank** in **C-Combat competition** organized by Technova with the collaboration of Department of Computer Application at **Invertis University**.

Certifications

- **LinkedIn Learning** – Microsoft Power BI Data Analyst Associate (PL-300)
- **LinkedIn Learning** – Agentic AI Architecture Foundations
- **IBM's Cognitive Classes** – SQL and Relational Database