

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:** Python, C++, JavaScript
- **AI/ML Frameworks:** Pandas, NumPy, ScikitLearn, Matplotlib, Seaborn, Deep Learning, TensorFlow, Keras
- **Web Development & Deployment:** Flask, React.js, Node.js, RESTful APIs, Bootstrap
- **Tools & IDEs:** Git, GitHub, Jupyter Notebook, Visual Studio Code, Power BI, Excel
- **Database:** MySQL, MongoDB

Experience /Internship

EduSkills

July 2025 – Sep 2025

Google AI/ML Internship

Remote

- Successfully Completed an AI/ML internship at Google, gaining hands-on experience in machine learning model development and optimization.
- Worked on data preprocessing, model training, and evaluation using Python and TensorFlow.
- Applied AI/ML techniques to solve real-world problems and improve system performance.

Projects

Disease Prediction Website (Currently Working)

May 2025 – Present

Python, Pandas, Scikit-learn, Matplotlib, Flask

Individual

- Building an AI-powered health prediction platform that provides users with two intelligent options — predicting a particular disease directly or analyzing symptoms to identify diseases with the highest likelihood.
- Implementing machine learning models trained on medical datasets to deliver accurate predictions and probability scores based on user input.

Road Damage & Pothole Classification

Oct 2025 – Present

Python, OpenCV, TensorFlow, Flask

Group(Team Leader)

- 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 – June 2025

Python, Pandas, Scikit-learn, Matplotlib

Group

- Developed a machine learning model to forecast retail store sales using datasets (features.csv, stores.csv, and train.csv) with Python and Scikit-learn.
- 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

- Presented research paper: "A review of Image Recognition using Machine Learning" 4th international conference on advance computing technologies an application (**ICACTA 2025**) organized by **Invertis University**, Bareilly in collaboration with **Howard University**.
- Secured 1st rank in **C-Combat competition** organized by Technova with the collaboration of Department of Computer Application at Invertis University.

Certifications

- **IBM's Cognitive Class** – Python 101 for Data Science
- **ISRO Hackathon** – Team Leader & Developer
- **IBM's Cognitive Classes** – SQL and Relational Database