

Pratyush Kashyap Mishra

Nagpur, Maharashtra | +91 9561493668 | ilupratyushkmishrayo@gmail.com | [LinkedIn](#)

Summary

Aspiring AI/ML Engineer with experience in developing machine learning and artificial intelligence projects. Skilled in applying data-driven approaches, algorithms, and Python-based solutions to solve real-world problems. Passionate about continuous learning, exploring cutting-edge technologies, and contributing to impactful projects. Open to opportunities that provide great learnings, collaboration, and meaningful professional growth.

Education

VIT Bhopal University, Bhopal

Sept 2022- May 2026

B.Tech: Computer Science and engineering (AIML)

- CGPA: 8.18/10

Bhavan's BPV Mandir, Nagpur

April 2021-May 2022

12th Standard

- Secured: 77.6%

Delhi Public School, Nagpur

April 2019- May 2020

10th Standard

- Secured: 94.6%

Projects

Roadside Garbage Detection

- Built a smart garbage detection system using Python and deep learning to identify litter on roadsides from captured images.
- The model enhances urban cleanliness by enabling automated surveillance and timely waste management.

GAN for image generation

- Created a GAN-based image generator capable of producing class-specific images with minimal supervision.
- The project demonstrates practical applications of generative models in AI art and data augmentation.

Fake News Detection

- Built a user-friendly interface allowing real-time news verification, showcasing the practical application of AI for media integrity and digital safety.
- Implemented data preprocessing, feature extraction, and supervised learning algorithms to enhance detection accuracy and minimize false positives.

Extracurricular

Vitronix Club

- Organized fundraising initiatives and campaigns to supplement the event's budget, enhancing the overall financial stability.
- Identified and approached potential sponsors, presenting compelling proposals to secure financial support and in-kind contributions for the event.

Skills

- **Programming Skills:** Java, Python, SQL, C++, Excel, DSA
- **Languages:** Fluent in English, Hindi
- **Tools:** PyTorch, TensorFlow, NLP, Data Visualization
- **Course Work:** DBMS, OOPs, Software Development, Operating Systems, Data Structures and Algorithms.
- **Soft Skills:** Collaboration, Communication, Planning, Teamwork, product management, Leadership, Financial Analysis.