Pritam Rabha

+91-9531182628 | pritamrba@gmail.com | linkedin.com/in/pritamrabha | Sagar, MP

SUMMARY

MCA student specializing in **Artificial Intelligence**, **Machine Learning**, and **Robotics**. Award winner (**1st Prize**, Ministry of Education 2024) for **AI-powered autonomous drone**. Proficient in **Python**, **Java**, **TensorFlow**, and **embedded systems**. Certified in **Python for Data Science** (IBM) and **Java Backend Development**. Seeking **AI Engineer Intern**, **Machine Learning Intern**, **Data Science Intern**, or **Robotics Intern** roles.

EDUCATION

Master of Computer Applications (MCA)   July 2025 – July 2027
Dr. Harisingh Gour Central University   *Sagar, Madhya Pradesh*

Bachelor of Science in Physics   Aug 2021 – July 2024
Gauhati University   *Guwahati, Assam*

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, SQL, Embedded C
Machine Learning: TensorFlow, Keras, Scikit-learn, Neural Networks, Deep Learning, Computer Vision
Data Science: Pandas, NumPy, Matplotlib, Data Analysis, Data Visualization
Artificial Intelligence: Machine Learning Algorithms, Image Processing, Object Detection
Robotics: Arduino, Raspberry Pi, Autonomous Systems, Sensor Integration, Drone Technology
Tools: Git, GitHub, Linux, Jupyter Notebook, VS Code, Postman

PROJECTS

Medical Emergency Drone - AI-Powered Autonomous System   Feb 2022 – Jan 2024
- Developed autonomous medical delivery drone using Python, TensorFlow, and Arduino reducing emergency response time by 40 percent
- Implemented machine learning algorithms for route optimization improving delivery efficiency by 35 percent
- Designed embedded system integrating GPS, ultrasonic sensors, and IMU using Arduino and Raspberry Pi
- Built real-time data processing system with 95 percent accuracy in sensor fusion
- Won 1st Prize at Regional Meet 2024 by Ministry of Education among 50 plus competing projects
- *Project Demo Video*

CERTIFICATIONS

Python 101 for Data Science | IBM Cognitive Class   Sept 2025 - Oct 2025
- Completed the Python for Data Science course on CognitiveClass.ai, gaining hands-on experience with Python programming, data analysis using NumPy and Pandas, data visualization, and file handling.
- **View Certificate**

Java Backend Developer | ITC Infotech STEM Program   Feb 2024 – Mar 2024
- Java, REST API development, MySQL database integration, and Spring Framework

ACHIEVEMENTS

- 1st Prize Winner Regional Meet 2024 Ministry of Education for AI healthcare innovation project
- Achieved 98 percent mission success rate across 20 plus test flights with autonomous drone system

ADDITIONAL INFORMATION

- **Languages**: English, Hindi, Assamese, Rabha
- **Interests**: Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Robotics, Data Science