Prateek Pandey

B.Tech in Artificial Intelligence & Robotics

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Objective

Motivated and technically proficient B.Tech student specializing in Artificial Intelligence and Robotics, seeking opportunities to apply theoretical knowledge and practical skills in a dynamic and innovative environment. Passionate about AI-driven solutions, intelligent systems, and automation technologies.

Education

B.Tech in Artificial Intelligence & Robotics

World College of Technology and Management, Gurgaon (2022 - 2026 Expected)

- Current Year: 3rd Year

- Key Subjects: Machine Learning, Deep Learning, Computer Vision, Robotics, Embedded Systems, Python Programming

Senior Secondary (Class XII)

Aakash Public School, Gurgaon (Completed in 2022)

- CBSE Board

- Subjects: Physics, Chemistry, Mathematics, Computer Science

Internship Experience

Caparo Maruti Private Limited - Intern - Robotics & Automation

November 2024 - February 2025

- Worked on automation tasks within manufacturing operations.

- Assisted in data collection and monitoring for predictive maintenance.

- Contributed to optimizing workflow processes using industrial IoT.

Technical Skills

- Languages: Python, C++, Java (Basics), SQL

- AI/ML Tools: TensorFlow, Keras, Scikit-learn, OpenCV

- Robotics: Arduino, Raspberry Pi, ROS (Basics), PLC Integration

- Software: MATLAB, SolidWorks (Basic), AutoCAD (Basic)

- Others: Git/GitHub, Linux, Microsoft Office Suite

Projects

- Object Detection Robot using OpenCV

- Hand Gesture Controlled Car with Arduino

- AI Chatbot for College Queries using Python NLP

Certifications

- Deep Learning Specialization - Coursera (Andrew Ng)

- Python for Data Science - IBM (Coursera)

- Introduction to Robotics - NPTEL

Achievements

- Top 5 finalist - Inter-College Robotics Hackathon 2024

- Smart India Hackathon 2024 participant

- Participated in Tech Fest 2025 organized by WCTM

Extracurricular Activities

- Member, Robotics Club - WCTM

- Volunteer, NSS Unit - Organized tech-literacy camps

Strengths

- Strong analytical and problem-solving abilities

- Quick learner and tech-savvy

- Excellent teamwork and communication

- Interest in AI ethics and real-world robotics

Languages

- English - Proficient

- Hindi - Native

Declaration

I hereby declare that the information provided above is true to the best of my knowledge.