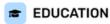# PARTH PAHWA

AI & ML ENGINEER

📧 CONTACTS

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📍 Sector-11, Rohini, New Delhi, India

🎓 EDUCATION

NIIT University
Bachelor of Technology in Computer Science (AI Specialization)
Neemrana, Rajasthan   08/2022   08/2026
GPA (current) | **8.18** / 10

LAUREL HIGH THE SCHOOL
10th Standard - CBSE
New Delhi, India
GPA | **9.18** / 10

Delhi Public School, Rohini
12th Standard - CBSE
New Delhi, India
GPA | **9.74** / 10

🚩 SKILLS

Technical Skills

Artificial Inteligence · Machine Learning · Computer Vision · Deep Learning · NLP · Javascript · MongoDB · React · Express.js · Node.js · Python · Git · GitHub · Data Structures · IDS · IEEE · IoT · Java · NLP · OpenCV · Pandas · SQL · TensorFlow

Soft Skills

Leadership · Communication Skills · Teamwork · Problem Solving · Time Management

❤️ INTERESTS

● **Theatre Artist**
Thrive in collaborative environments, engaging in creative activities, particularly in theatre

👤 SUMMARY

Final-year B.Tech CSE student specializing in Artificial Intelligence with a strong academic record and a portfolio of impactful AI projects. Proficient in Machine Learning, Deep Learning, NLP, and Computer Vision, with hands-on experience building real-world solutions. Passionate about exploring all domains of AI, backed by strong problem-solving, leadership, and communication skills.

👥 EXPERIENCE

1Stop   New Delhi, India
Artificial Intelligence Intern   06/2023   08/2023
Gained Hands on experience working on Real Life AI & ML Projects

NIIT University   Neemrana, Rajasthan
Teaching Assistant   02/2025   05/2025
Assisted in the Digital Image Processing course as a Teaching Assistant

Labmentix   Gurugram, Haryana
AI and ML Intern   05/2025   Present
Gaining Practical experience working on industry Projects

📄 PROJECTS

Machine Learning based Intrusion Detection System (IDS)
Authored a comprehensive research paper on enhancing traditional Intrusion Detection Systems using Machine Learning algorithms.

RAG-Powered Multi-Agent Chatbot
Built a context-aware chatbot using Retrieval-Augmented Generation RAG , LangChain agents, and LLMs. Integrated FAISS for semantic search, routed queries intelligently using tools (calculator, dictionary), and deployed an interactive UI with Streamlit.

Supermarket Inventory Tracking System with AI
A capstone project aimed at improving supermarket operations through AI
•Designed and deployed a full-stack web application featuring an AI-driven inventory management system with predictive analytics for automated demand forecasting and smart restocking.

Plant Disease Classification using Computer Vision
Personal project focused on plant disease classification using computer vision
•Developed an AI-powered plant disease detection system using Computer Vision and ML models, achieving 95% accuracy. Built a frontend-integrated API for real-time image-based predictions.

IoT based Fitness Tracker
Designed and implemented a database management system to efficiently track cultural exchange programs across countries and institutions, enabling streamlined data organization and retrieval.

🏅 CERTIFICATION

Machine Learning by Andrew Ng   **Full-Stack Web Development – Udemy, 2023**

Inter-college Hackathons   **Kaggle Micro-Certifications and Competetions**