

# ADITYA RAJ PANDEY

[adityapandevs05@gmail.com](mailto:adityapandevs05@gmail.com) | +91-8528409125

[Linkedin](#)

[Github](#)

[Hacker Rank](#)

[Leetcode](#)

[Portfolio](#)

## OBJECTIVE

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Seeking an opportunity in a progressive tech organization where I can utilize my engineering foundation, technical competencies, and practical development experience to design innovative systems, optimize performance, and support mission-critical initiatives while advancing my career.

## EDUCATION

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**B.Tech** in AIML, Pranveer Singh Institute of Technology, Kanpur (2023–2027)

77.4% (till Sem 4)

**Class XII**, Oxford Model Senior Secondary School, Kanpur (2022)

73.4%

**Class X**, Oxford Model Senior Secondary School, Kanpur (2020)

92.2%

## TECHNICAL SKILLS

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- Core subjects: DBMS, Operating System, Data Structures & Algorithms (DSA).
- Language: Python, C, SQL.
- Frameworks: Numpy, Pandas, Matplotlib, Seaborn
- Web Technologies: HTML, CSS, JavaScript.
- Tools & Platform: VS Code, GitHub, MS-Word, MS-Excel
- Additional skills: Problem Solving, Leadership.

## PROJECTS

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### 1): PRISM (Person Retrieval using Image Similarity Matching)

**Tech Stack:** Python, PyTorch, OpenCV, , HTML, CSS, JavaScript,

#### Key Highlights:

- Worked on an AI-powered platform to **identify and retrieve missing persons** through **image similarity and classification** using deep learning.
- Built a integrated with a responsive **HTML/CSS/JS frontend** for real-time image upload and prediction.
- Implemented a **unique ID tracking system (#ID)** for each uploaded record, ensuring secure storage until the person is successfully found.

### 2): EMOTICA — Emotional Care Platform

**Tech Stack:** HTML, CSS, JavaScript, Node.js

#### Key Highlights:

- Created an AI-assisted mental wellness platform designed to help students manage emotional stress and academic pressure.
- Integrated key features including multilingual support, a 24×7 helpdesk, personal care recommendations, and expert counseling sessions.

### 3): TechLearn-Hub [LINK](#)

#### **Description:**

TechLearn-Hub is a student-driven website designed specifically for B.Tech students. It provides a unified platform where students can easily access study materials, notes, and academic resources in one place. The platform aims to reduce academic stress by simplifying access to all essential learning content.

#### **Key Highlights:**

- Worked to centralize all academic materials for B.Tech students on a single platform.
- Enhances productivity by allowing students to quickly find and utilize study resources and study roadmaps.
- Designed and built *by a student, for students* — ensuring real academic usability and relevance.

**Tech Stack:** HTML, CSS, JavaScript, Node.js

### **EXTRACURRICULAR ACTIVITY**

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- I Served As Head Boy, Showcasing Leadership, Discipline And Responsibility.
- I Served As Vice President Of The Photography Club, Successfully Managing And Executing 10+ Events Including **Ignitia 2K25**.
- Currently Serving As Senior Advisor At Ingenious Club PSIT.
- Semi-Finalist In **Empresario (25)**, A Prestigious Entrepreneurship Event Organized By IIT Kharagpur.
- Participated In **Nasa Space App Challenge** 2024 And 2025.