

ADITYA PAREEK

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🌐 adp-iitm

🌐 [Personal Portfolio](#)

🌐 [Aditya Pareek](#)

ABOUT ME

I design intelligent, scalable, and user-focused machine learning solutions that turn data into impactful digital experiences — blending engineering precision with real-world application. Eager to apply and expand technical skills through practical, internship experiences.

EDUCATION

Indian Institute Of Technology–Madras (IIT–Madras)	Jun 2023 - Jun 2027 (Expected)
BS in Data Science	
The National Institute of Engineering, Mysuru	Aug 2023 - Jun 2027 (Expected)
B.E. in Information Science & Engineering, 3rd year	
DAV CENTENARY PUBLIC SCHOOL AJMER (CBSE)	Apr 2021 - Mar 2022
• Class 12th - 84.6%	Apr 2019 - Mar 2020
• Class 10th - 85.4%	

PROJECTS

Scalable Video Intelligence System	Mar 2025 - Present
<ul style="list-style-type: none">Built a role-based web platform that uses AI/ML to transform live camera feeds into actionable insights.Designed a modular dashboard with role-based access control for flexible service management. Reduced manual surveillance and attendance logging effort by up to 70%, significantly improving operational efficiency.	
Cricket Match Scorecard Predictor	April 2025 - Present
<ul style="list-style-type: none">Built a data-driven cricket match prediction system simulating full scorecards with player, pitch, and venue data, achieving 80%+ accuracy.Delivered real-time strategic insights for pre-match and in-game analysis, aiding fans, analysts, and fantasy sports players.	
Data Analyst Agent	
<ul style="list-style-type: none">Built an AI-powered data analysis web app with FastAPI + LangChain + Google Gemini, enabling question answering, dataset handling, and web scraping.Automated Python code generation, visualization, and secure sandboxed execution for accurate, type-safe insights.	

TECHNICAL SKILLS

- Web Development: React, EJS, TailwindCSS, Express.js
- Databases: MySQL, SQLite3, Firestore, MongoDB
- Languages: JavaScript, Python, Java, C
- Machine Learning: OpenCV, Random Forest, Data Visualization (e.g., Matplotlib...)
- Tools: Firebase, Figma, Git, GitHub, Notion, Discord