ADITYA PAREEK

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🐱 adp-iitm　　　　　　　　💼 Aditya Pareek

ABOUT ME

Curious learner and tech explorer with hands-on experience in building responsive, real-time and scalable web apps. Focused on growing skills in backend and machine learning. Eager to apply and expand technical skills through practical, team-driven internship experiences.

EDUCATION

The National Institute of Engineering, Mysuru　　　　　**Aug 2023 - Jun 2027 (Expected)**

B.E. in Information Science & Engineering, 2nd yr

- Operating Systems, Database Management Systems
- Analysis & Design of Algorithms, Python, Java

DAV CENTENARY PUBLIC SCHOOL AJMER (CBSE)

- Class 12th - 84.6%　　　　　　　　　　　　　　　　Apr 2021 - Mar 2022
- Class 10th - 85.4%　　　　　　　　　　　　　　　　Apr 2019 - Mar 2020

PROJECTS

Scalable Video Intelligence System　　　　　　　　　**Mar 2025 - Present**

- 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**

- Built a data-driven cricket match prediction system that simulates full scorecards using player stats, pitch conditions, and historical match data.
- Achieved over 80% prediction accuracy by modeling individual player vs. player matchups, team dynamics, and venue-specific factors.
- Enabled real-time strategic insights for pre-match and in-game analysis, supporting smarter decision-making for fans, analysts, and fantasy sports players.

TECHNICAL SKILLS

- *Web Development: React, EJS, TailwindCSS, GSAP, Express.js*
- *Databases: MySQL, SQLite3, Firestore, MongoDB*
- *Languages: JavaScript, Python, Java, C*
- *Machine Learning: OpenCV, 3D CNN, Yolo, Data Visualization (e.g., Matplotlib, Seaborn)*
- *Tools: Firebase, Figma, Git, GitHub, Notion, Discord*

LANGUAGES

- English
- Hindi