

ADITYA PAREEK

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🌐 [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%
• 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 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

- 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