Pranshu Singh

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About Me

Motivated Computer Science student specializing in AI/ML. Strong foundation in problem-solving and collaborative leadership. Passionate about AI-driven technologies and fostering community growth.

Education

B.Tech in Computer Science and Engineering (AI & ML)

Manipal University Jaipur   *Sep 2024 - 2028*

High School

Delhi Public School, Pune   *2012 - 2022*

Experience

System Design Intern

Metapercept, Pune, India   *May - July 2025*

- Engineered a web crawler that adhered to `robots.txt` protocols.
- Used Selenium and BeautifulSoup (BS4) to download all available PDF and XML files.
- Stored extracted data into a database and trained an AI model on it.
- Standardized the model against ISO specifications for quality and compliance.

Data Analytics Extern

Extern, Remote   *Jul 2025 - Present*

- Conducted exploratory data analysis (EDA) to identify consumer behavior trends.
- Applied NLP techniques for sentiment analysis on large-scale datasets.
- Leveraged Python and AI tools to generate actionable insights.
- Collaborated with cross-functional teams to synthesize research for product strategy.

Skills

Technical: Python, C, Web Scraping, Beautiful Soup (BS4), Database Management, Scikit-learn, Flask, Streamlit, MariaDB, Ollama, HTML, CSS, JavaScript

Soft Skills: Leadership, Collaboration, Communication, Critical Thinking, Problem Solving, Team Management, Event Planning, Event Production, Public Speaking

Creative: Fantasy Writing, Book Publishing

Certifications

In Progress: Associate Data Analyst (DataCamp), Data Science Foundations

Projects

Code Connect - AI-Powered Academic Advisor

- Developed an advising platform that recommends courses based on user input.
- Utilized Scikit-learn for a recommendation model, built with Flask and Streamlit.

Prepzo - Career Guidance Platform

- Collaborated on a hackathon project for personalized career guidance.
- Leveraged LLMs with RAG to generate recommendations.

Zoom Automation

- Created a Python-based script to automate Zoom meeting joining and scheduling.
- Streamlined the virtual learning experience through task automation.

Organizations

Head of Research And Development

IEEE CIS MUJ, Jaipur, India   *Jun 2025 - Present*

- Lead a team in identifying and exploring new technological opportunities.
- Fostered a collaborative environment to drive project success.

Core Committee - Events

Genesis MUJ, Jaipur, India   *Jun 2025 - Present*

- Managed event planning and production, ensuring seamless execution.
- Contributed to event promotion and student outreach.

Student Ambassador

The Esports Club (TEC), Jaipur, India Feb 2025 - Present

- Helped organize and promote country-wide eSports events.
- Boosted participation through effective collaboration and outreach.

Languages

English: Fluent
Hindi: Native