Prashant Tiwari

Roll Number : 24f2001089
BS - Data Science
Indian Institute of Technology Madras

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Education

Program	Institution	%/CGPA	Year of completion
BS in DS	Indian Institute of Technology, Madras	5.7	on-going
XII	St. Mary's Sec Se School	81.2%	2024
X	St. Mary's Sec Se School	74.8%	2022

Technical skills

- **Programming languages :** C, Python, JavaScript, TypeScript *
- **Web technologies :** React.js, Next.js, Node.js, Express.js, Flask, HTML5, CSS3, Tailwind CSS
- **Database management :** MySQL, PostgreSQL, MongoDB
- **AI & Machine Learning:** Retrieval-Augmented Generation (RAG), Vision-Language Models (VLM), Prompt Engineering, AI Agent Integration, Machine Learning Pipelines *
- **Creative & Design Tools:** Blender, Unreal Engine, DaVinci Resolve, Adobe After Effects, Premiere Pro, Photoshop, Illustrator, Figma
- **Other Tools & Skills:** UI/UX Design, Data Visualization, Video Editing, Motion Graphics, VFX, 3D Modelling
- **Operating system :** Windows, Linux

Certificate Generator | React, TypeScript, PostgreSQL, Node.js

- Developed a certificate issuance platform featuring bulk generation, interactive template design, tamper-evident verification and QR-based validation.
- Implemented a verification workflow to help users check certificate authenticity.

Scalable Business Entity Resolution | Machine Learning, Python

- Developed a machine-learning pipeline to match reference business entities against two noisy candidate databases.

Smart Agri-Data Insights Dashboard | Python, Streamlit, Pandas, Plotly

- Built an interactive dashboard for exploring and comparing agricultural datasets.

Namdapha House Website | React, Node.js, Express.js, MongoDB

- Contributed to the development and deployment of the official website for the Namdapha House student community.

Tesseract Club Website | React, JavaScript, HTML, CSS, Figma

- Led end-to-end website design and development, creating an interactive platform for club updates and student engagement.

Experience

- **Intern, Multimedia & Content Strategy | Agri Joy Pvt. Ltd. ~IIM Bangalore**

  Develop visual content and digital marketing strategies to strengthen brand storytelling across digital platforms. *June 2025 - Aug 2025*

- **Co-Founder | Adniko.in**

  Contributed to strategic planning, marketing execution and client acquisition. *June 2025 - Aug 2026*

Positions of Responsibility

- Media Coordinator, Paradox'26 (the annual Paradox Fest of IIT Madras)
- Multimedia & WebOps Head, Namdapha House

Relevant coursework

- Python
- Statistics *
- Mathematics *
- Machine learning Foundation(MLF)
- Database management system(DBMS) *
- System Commands *

Achievements

- **National-Level Coding Contest, HackerRank (2024):** Secured Global Rank 72.
- **ProjectOS Startup Initiative:** Selected to contribute to the development of a PC-based operating system.
- **Digital Content & Campaigns:** Contributed to campaigns generating 150,000+ views for Paradox IIT Madras.
- **Digital Reach:** Contributed to Namdapha House's social media initiatives achieving a reach of 1 million new users.

Extracurriculars

- **Creative Production:** Experience in video editing, motion graphics, visual effects and 3D modelling.
- **Student Community Engagement:** Participated in organising and promoting technical and cultural initiatives within the IIT Madras BS community.