PRIYANSHU KUMAR SAW

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Education

Chandigarh University   **August 2021 − June 2025**

Bachelor of Engineering(Computer Science and Engineering)(Hons.)(with Specialization in AI & ML)   **Grade: 8.71/10**

Sainik School Tilaiya   **April 2017 - March 2021**

Class 10th **Grade : 94%**   *Class 12th* **Grade : 85.8%**   **CBSE**

Experience

Wictronix   **April 2023 − Present**

AI & ML Developer Intern   *Surat, Gujarat*

- Extracted vital traffic parameters such as **speed, roundabout intersection, OCR, density**, and flow, presenting users with a comprehensive analysis by incorporating AI & ML, image & video processing, as well as Drones, CCTV cameras.

Intel Apprenticeships   **June 2023 − July 2023**

Edunet Foundation   **January 2023 − March 2023**

AI & ML Intern

- Utilized computer vision techniques to **detect early signs of driver drowsiness(Advanced Driver Assistant System)**, contributing to accident prevention on road using **deep learning(Computer Vision)** .

Skills

Technical: Machine Learning, Deep Learning, NLP, Data Science(Intermediate), Python, SQL, C++, Java, DSA, HTML
Developer Tools: Tensorflow, Scikit-Learn, Computer Vision, Tableau, Weka, Docker, Excel, Github, MS Office
Interpersonal Skills: Leadership, Problem Solving, Project&Time Management, Work Ethics.

Projects

AtlanZ : *AI-based software to extract, analyze and optimize traffic patterns of the city*   **August 2023 − Present**

- Extracted critical traffic parameters (**speed, roundabout intersection, OCR, density, and flow**) for a comprehensive analysis using AI&ML, securing a Government of Gujarat **SSIP Innovation grant** of **INR 1,00,000**.

Pankhuri : *Your one-stop partner for women's health*   **October 2023**

- An innovative WebApp platform that uses AI&ML to provide **personalized health insights and empower women**.

iHelp : *Elevate your transparent giving experience*   **April 2023**

- Build platform which is transparent, reliable dedicated to helping people in need connect with reliable Non-Governmental Organizations (**NGOs**) that are doing amazing work to support communities around the world using **blockchain**.

Research Paper Publications

- Published a Research Paper titled **"Deep Learning in Structure From Motion"** in **Springer** in December 2023.
- Published a Research Paper titled **"The Use of Deep Learning in Music Genre Classification"** in **IEEE Xplore**

Achievements

- Acknowledged as a **Global nominee** for the prestigious **NASA Space App Challenge 2023.**
- Secured a coveted position among the **Top-6 finalists from over 50,000 submissions** in the **Smart India Hackathon 2023.**
- Attained a remarkable **2nd position** at the **national level hackathon in Electrothon 5.0 by NIT Hamirpur, sponsored by MLH, Github, Quine, Repplit**, showcasing prowess in hackathon competitions.
- Received the esteemed **Academic Excellence Award 2023 & Researcher of the year Award 2023** from **Chandigarh University**, underscoring a commitment to scholastic achievement and distinction.

Extracurricular

Geeks for Geeks Community CU   **June 2023 − Present**

Technical Lead   *Chandigarh University*

- Spearheaded the organization's participation in tech-related events from **Hackathons and Ideathons to Coding competitions, seminars, workshops and webinars**, significantly contributing to vibrant community engagement.

Microsoft Learn Student Ambassador   **November 2023 − March 2024**

Amazon ML Summer School 2023   **September 2023 − October 2023**