

# 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: 8.72/10

### Sainik School Tilaiya

April 2017 - March 2021

Class 10<sup>th</sup> Grade : 94%

Class 12<sup>th</sup> 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.

### 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, HTML, CSS, C++, DSA

**Developer Tools:** Tensorflow, Scikit-Learn, Computer Vision, Tableau, Weka, Docker, Excel, Github, MS Office

**Soft 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

### Microsoft Learn Student Ambassador

November 2023 – Present

Alpha

Chandigarh University

- I proactively cultivated a robust technical community on campus through **hosting workshops, meetups, and hackathons**, while **mentoring peers through presentations and collaborative project initiatives**.

### 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.

### Amazon ML Summer School 2023

September 2023 – October 2023