

# PRIYANSHU KUMAR SAW

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## Education

### Chandigarh University

Bachelor of Engineering(Computer Science)(Hons.)(Specialization in AI & ML with IBM)

August 2021 - June 2025

Grade: 8.72/10

### Sainik School Tilaiya

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

Class 12<sup>th</sup> Grade : 85.8%

April 2017 - March 2021

CBSE

## Experience

### Infosys Springboard

Artificial Intelligence Intern

May 2024 - Present

Remote

- Developed smartphone anomaly detection system using ML models like Isolation Forest & SVM with 94% accuracy.

### WictroniX

AI & ML Developer Intern

April 2023 - May 2024

Hybrid

- Extracted vital traffic parameters (speed, roundabout intersection, OCR, density & flow) from a dataset of over 13,000 high resolution images, using YOLOv8, image & video processing, Drones & CCTV for comprehensive analysis.

### Intel AI Apprenticeship

June 2023 - July 2023

### Postulate Info Tech Pvt Ltd

January 2023 - April 2023

Data Science Intern

Remote

## Skills

**Technical:** Machine Learning, Deep Learning, NLP, Data Science(Intermediate), Python, SQL, C++, DSA, HTML.

**Developer Tools:** Scikit-Learn, Computer Vision, Tableau, PowerBI, Weka, Excel, Github.

**Soft Skills:** Leadership, Problem Solving, Project & Time Management, Work Ethics.

## Certifications

- Advanced Machine Learning on Google Cloud by Google in March 2024.
- Amazon ML Summer School by Amazon on October 2023.
- AMCAT Certified Business Analyst by SHL Aspiring Minds on May 2023.
- AMCAT Certified Software Development Trainee by SHL Aspiring Minds on May 2023.
- Python for Data Science from NPTEL by IIT Madras on October 2022.

## Projects

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

November 2023 - Present

- Developing an ecosystem involves, **dynamic Routing, dynamic Speed Limits, V2V, number plate recognition, demo ULV** for Smart Traffic using AI & ML, securing a Govt. of Gujarat **SSIP Innovation** grant of INR 1,00,000.

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

October 2023

- An innovative AI-powered WebApp empowering women with **personalized health insights & community support**.

**iHelp** : Elevate your transparent giving experience

April 2023

- Developed WebApp blockchain platform enabling transparent connections between individuals in need & impactful NGOs.

## Research Paper Publications

- "Deep Learning in Structure From Motion" in Springer in December 2023.
- "The Use of Deep Learning in Music Genre Classification" in IEEE Xplore in July 2023.

## Achievements

- Winner of **HackWithIndia - India's biggest Hackathon** at Microsoft Office Gurugram, with prize of \$2000.
- Acknowledged as a **Global nominee** for the **NASA Space App Challenge 2023** among 58,000 participants.
- Secured **finalists** from over **50,000 submissions** in the **Smart India Hackathon 2023** organized by India's MoE.
- Bagged **2nd position** at **national level in Electrothon 5.0**, sponsored by MLH, with prize of **INR 20,000**.
- Received **Academic Excellence Award 2023 & Researcher of year Award 2023** from Chandigarh University.

## Extracurricular

### Geeks for Geeks Community CU

June 2023 - Present

Technical Lead

Chandigarh University

- Led 10+ tech events, fostering community engagement through Coding challenge, Hackathon, seminar, and workshops.

### Microsoft Learn Student Ambassador

November 2023 - March 2024