

# PRIYANSHU KUMAR SAW

+91 8709368520

priyanshukumar7470@gmail.com

linktr.ee/priyanshu\_kumar\_saw

Hazaribagh, Jharkhand, India

linkedin.com/in/priyanshu-kumar-saw/

github.com/Priyanshu6268

## 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

## Internship

### Infosys Springboard

Artificial Intelligence Intern

May 2024 - July 2024

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

Postulate Info Tech Pvt Ltd

June 2023 - July 2023

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