

PRIYANSHU KUMAR SAW

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Education

Chandigarh University

August 2021 - June 2025

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

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.

Intel AI Apprenticeship

June 2023 - July 2023

IBM Skillsbuild

June 2023 - July 2023

Postulate Info Tech Pvt Ltd

January 2023 - April 2023

Skills

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

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

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.
- Introduction to Data Science by IBM on October 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 WebApp platform that uses AI & ML to provide **personalized health insights** and **empower women**.

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 the Hackathon **HackWithIndia - India's biggest Hackathon** at Microsoft Office Gurugram.
- Acknowledged as a **Global nominee** for the prestigious **NASA Space App Challenge 2023**.
- Secured **Top 6 finalists** from over 50,000 submissions in the **Smart India Hackathon 2023**.
- Bagged **2nd position** at **national level hackathon in Electrothon 5.0** by NIT Hamirpur, sponsored by MLH.
- 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 tech events, fostering community engagement through diverse platforms like Hackathons, seminars, and workshops.

Microsoft Learn Student Ambassador

November 2023 - March 2024