

NANCY

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Education

Chandigarh University

August 2021 – June 2025

Bachelor of Engineering(CSE)(Hons.)(with Specialization in AI & ML)

Grade: 8.4/10

Mount Litera Zee School

April 2019 – March 2021

Class 12th

Grade: 80%

Tagore Academy

April 2007 – February 2019

Class 10th

Grade: 83%

Experience

Infosys Springboard

April 2024 - June 2024

Wictronix

June 2023 – May 2024

AI & ML Developer Intern

- Responsibilities include model training and testing for Road Scene Semantic Segmentation in the development of the product AtlanZ to address traffic congestion issues, utilizing granular video capture and AI/ML techniques for vehicle.

Intel Digital Readiness Program

June 2023 – July 2023

AI & ML Intern

- Participated in AI Competency Workshop, imparting knowledge on diverse AI technologies. Here, the interns were introduced to Tableau and Orange for enhanced data visualization and machine learning proficiency.

IBM Skillsbuild

June 2023 - July 2023

Projects

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

- A forward-thinking platform that addresses limited healthcare access for women in rural India featuring a period tracker, baby size tracker and chatrooms for sharing experiences and asking queries.

Road Segmentation : Mapping Roads, Clearing Journeys

- Utilizing AI/ML for precise segmentation of road scenes, aiding in traffic congestion management for safer and smoother journeys.

Fraud Detection System : From Data to Detection Workflow

- A comprehensive work on the demonstration of training some machine learning models for predictive analytics.

Skills

Programming Languages: Python, C++, SQL

Machine Learning: TensorFlow, scikit-learn, pandas, numpy, OpenCV

Tools: Excel, GitHub, MS Office, Orange

Soft Skills: Problem Solving, Effective Communication, Team Collaboration, Time Management, Leadership

Achievements

- Winner of **HackWithIndia Hackathon 2024** at **Microsoft Office Gurugram**, with prize of **\$2000**.
- Acknowledged as a **Global nominee** for the **NASA Space App Challenge 2023**.
- Top 6 finalists **Smart India Hackathon 2023** (50,000 submissions).
- Attained **2nd position** at Electrothon 5.0, sponsored by **MLH**, with prize of **INR 20,000**.

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.