

MOHAMMAD ANAS

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Professional Summary:

Motivated and results-driven 5th-semester B.Tech (AI & ML) student with hands-on experience in Python programming, data analysis, and machine learning model development. Skilled in building AI solutions, and data-driven applications through projects like SafarAI and Traffic Congestion Prediction. Completed an Internship at CodSoft, where I strengthened OOP concepts, DSA, and backend development. Winner of Apexathon 2025 (SAS National Hackathon) with strong teamwork, analytical thinking, and problem-solving ability. Eager to contribute to challenging AI, Data Transformation, and Analytics projects while gaining real industry exposure.

Internship:

CodSoft – Software Developer Intern (C++ Programming)

June 2024 – July 2024 | Remote

- Completed a 4-week virtual internship focused on C++ programming, OOP concepts, and DSA.
- Built multiple console-based applications applying object-oriented design, classes, inheritance, and file handling.
- Strengthened problem-solving skills by implementing data structures and algorithms in C++ for optimized solutions.
- Gained hands-on experience in writing clean, modular code and understanding real-world software development practices.

Education:

Lamrin Tech Skills University Punjab, Ropar , Punjab.

SGPA : 9.45 | Latest

*B.Tech - Computer Science and Engineering
(AI & ML) 2023-2027*

Technical Skills:

- Programming Languages:** Python, C++.
- Libraries/Frameworks:** NumPy , Pandas , Scikit-Learn.
- Tools:** Tableau, VS Code , Jupyter Notebook, Canva/Miro.
- Concepts:** Data Cleaning, Data Analysis , OOP.

Soft Skills:

Problem-Solving, Team Management, Communication Skills, Leadership.

Projects:

SafarAI:

(October , 2025 - Present)

- Build an AI-based cultural tourism platform to give innovative edge to Indian Heritage tourism and to provide the fulfilled experience to tourists of the cite.
- A full stack and AI integrated system providing Itenary generation, live cultural activities bookings , green-hotel bookings , employment to local art work.
- Build using Tech stacks like React.Js , Python (Django) , Minimal DB , NoSQL , FastAPIs.

Traffic Congestion Prediction for Smart Cities:

(June , 2025 – July 2025)

- Built a real-time traffic monitoring system using computer vision (OpenCV).
- Implemented data analytics to predict congestion using numerical and image data.
- Used machine learning (random forest classification, clustering) to analyze traffic patterns.

Canadian Labor Force Survey:

(April 2025 – April 2025)

- Analysis , cleaning , preprocessing the Canadian Labor Force Data of 1 crore Population and Provided the insights of Employment rate.
- Used Random Forest Binary Classifier in 60-attributes of data to filter the employment rate.
- Given the charts and visuals to Canadian Government to work upon the Loopholes and work for the betterment of the youth.

Achievements:

- "Winner Of Apexathon 2025"** : Achieved first place at Apexathon 2025 organized by "Sas", national level hackathon at Chandigarh University.
- Best Act Award** : Got "Best Act Award" at SRIJANAM 1.0 2024 at Lamrin Tech Skills University.

Certifications:

- Sas APEXATHON 2025 – Certification of Achievement** : Won the ultimate Analytics and Data Science Challenge organized by Sas.
- Oracle Certified AI Foundations Associate** : Developed skills in Artificial Intelligence , Machine Learning , Deep Learning , Gen-AI overview , Agentic AI.
- AI/ML Workshop at IIT Ropar** : Attended a 2-day workshop at IIT Ropar on foundations of AI/ML organized by Ethical Edu-Fabrica pvt. Ltd.

Declaration:

- I affirm that the information provided in this resume is accurate and reflects my true qualifications and experiences.