Sumit Kumar Jaiswal

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Dynamic Computer Science student specializing in Data Science and Machine Learning. Proficient in programming, web development, and AI application development. Successfully developed predictive models for air quality and breast cancer diagnosis, leveraging advanced machine learning algorithms and data analysis. Excels at multitasking and managing multiple projects simultaneously, with strong organizational skills honed through experience in event management. Capable of delivering high-quality results while balancing diverse responsibilities in fast-paced environments. Ready to apply technical expertise to data-driven projects in a professional setting.

Experience

- **Proof Reader & Editor, Social Media Club "VIVIDH".**
- **Treasurer, Cultural Club "Cultural Kaleidoscope".**
- **Event Organizer**
- **Member, Student Welfare Grievance Committee (SWGC)**
- **Head of Finance, Freshers Party (USET, LTSU)**
- **Head Student Co-Ordinator, National Service Scheme (NSS), LTSU**

ACHIEVEMENTS

- **1st Prize** in Hackathon in **Yuva Fest** at Lamrin Tech Skills University
- **2nd Position** in **Web Development** Competition in Byte Battle at PTU Jalandhar
- Participation in National Level Hackathon organized by IBM ICE at KARE, Madurai
- Certificate of AI & ML with Data Science work shop at IIT Ropar.
- **1st Prize** in Skit at **Inquilab festival**, Nawanshahr
- **1st Prize** in **Ideathon 54th ISTE National Annual Convention** & **Yuva Kaushal Utsav 2025**

Projects

- **Air Quality Predictive Model**

  November, 2023 – A machine learning model which predicts the AQI using different ML techniques like Decision Tree, Random Forest and Linear Regression. Trained on the organic data taken from the CPCB and considers 8 pollutants and 6 meteorological factors.

- **Breast Cancer Predictive Model** (In Progress)

  June, 2024 - Present – Working on a predictive model to assist in breast cancer diagnosis using machine learning algorithms like VGG16 and Sigmoid the highest accuracy achieved till now is 79% with Sigmoid and still trying to achieve better results by applying deep learning algorithms.

Education

- Lamrin Tech Skills University Punjab Bachelor of Technology (**B. Tech**) in **Computer Science Engineering** with Specialization **Data Science**
- Manas Convent School, Mughalsarai 10+2(Intermediate) Completed in 2023.

Skills

- C/C++ (Intermediate level)
- Python (Intermediate level)
- Html / CSS
- Bootstrap
- Advance Power Point
- MS Office
- Tableau
- Power BI (Intermediate Level)
- CANVA
- Observation and Decision making
- Multi-tasking
- Team Building
- Communication
- Adaptable and Flexible