Sangharsh Verma

Roll No.: 22247
B.Tech - Electronics and Communication Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	7.65 (Current)	Nov. 2022 – Present
Senior Secondary	Delhi Public School Ranipur, Haridwar	93%	May 2021

EXPERIENCE

- **IIT Mandi** — *Oct 2024 - Present*
  Research Intern — Mandi, Himachal Pradesh, India
  – Conducting research on Vision Transformers under the guidance of professors.
  – Working on modern machine learning architectures like MAMBA and SSMs.
  – Developing models that leverage advanced deep learning techniques to improve image classification accuracy.

PROJECTS

- **Advanced Recruitment Strategy for Tottenham Football Club** — *Jan. 2025 - Present*
  Tableau, SQL, Microsoft Excel — GitHub
  – Developed a data-driven recruitment strategy by analyzing player performance and team statistics across leagues.
  – Designed Tableau dashboards to compare Tottenham players with competitors, highlighting gaps and opportunities.
  – Provided actionable insights to enhance team recruitment and performance.

- **Real-Time Match Result Prediction** — *Aug. 2024 - Sep. 2024*
  Machine Learning, Data Analysis — GitHub
  – Built a machine learning model to predict football match results based on match statistics and fixture data.
  – Factored in home advantage, rank bias, and points bias for more accurate predictions.

- **Tripster: The Ultimate Vacation Planner** — *Nov 2024 - Dec 2025*
  API, LLM, Data Analysis — GitHub
  – Developed a interface to simplify vacation planning by integrating flight, hotel, cab etc data collected from APIs.
  – Designed the architecture to be modular and scalable, allowing integration with real-time APIs in the future.

CERTIFICATIONS

Google Data Analytics Professional Certification: Completed an in-depth program covering data cleaning, analysis, visualization, and project-based applications using tools like SQL, R, and Tableau.

SKILLS

Technical Skills: Python, R, C, C++, MATLAB, VHDL, Dart, SQL, Tableau, Excel, Spreadsheets, Streamlit, Keras, TensorFlow, SpaCy, PyTorch, Scikit-learn, Flutter, Firebase

Soft Skills: Communication, Creativity, Attention to Detail, Time Management, Collaboration, Marketing Strategy

POSITION OF RESPONSIBILITY

PR Lead, Aavesh Club — *Dec. 2022 – Present*
- Led club events and boosted visibility through various promotions.

Secretary, EUNOIA Club — *Nov. 2022 – Present*
- Organized events, contributing to club membership growth.

Founding Member, Zenith Club — *Oct. 2023 – Present*
- Directed sports events, improving student engagement.

Social Media Lead, IIITians Network — *Dec. 2022 – Apr. 2024*
- Managed social media platforms, enhancing online presence.

ACHIEVEMENTS

- Won 1st prize in IIT Mandi cultural fest (2023) in the event "Word Games".
- Founding member of the Sports Club and Book Club at IIIT Una.
- Participated as Secretariat in a Model United Nation organised by the Ministry of Education
- Won Gold medal in Badminton in College Sports Fest.
- Built an Instagram page from scratch called mostly_sarcasm with 38k followers.