


Sreyas Sunmesh

✉ sunmeshesreyas@gmail.com




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Education

2023 – 2027  **B.Tech., VIT Bhopal University** in Computer Science and Engineering (Artificial Intelligence and Machine Learning).



Projects and Research

- 2025  First author for the book chapter, A Resume Analyser and Job Description Matcher Using Large Language Models, where we used Mistral 7B to peruse through resumes and job postings to match them together.
- 2025-...  Currently comparing different deep learning models [LSTM, Bi-LSTM, GNU, LSTM-GNU] on a heart disease dataset to submit to a conference.
- 2025  Compared the results of different machine learning models [SVM, Decision Tree, Multi-Layer Perceptron, Logistic Regression] on a plant disease classification dataset.



Skills

- Coding  Python, C++, SQL.
- Modules Learned  TensorFlow, Scikit-learn, Matplotlib, LangChain, Pandas.
- Languages  Strong reading, writing and speaking competencies for English, Hindi, and Malayalam.
- Misc.  Event Management, Writing, Proofreading, Photography.

Current Experience

- 2024  **Organizing Team Member** , International Conference of Non-linear Analysis and Computational Techniques.
- 2025-...  **IEEE Student Branch, VIT Bhopal**, Student Partner, Content Team.

Certifications

- 2024  **Certification of Proficiency in Machine Learning** , Finlatics
- 2025  **Generative AI using WatsonX**, IBM Developer Skills Network