Vennela Varshini Anasoori

LinkedIn: vennela-varshini-anasoori   Mobile: +91-903-0327-207
GitHub: vennelavarshini18   Email: vennelavarshini07@gmail.com

EDUCATION

- **Indian Institute of Information Technology Lucknow** — Lucknow, India
  Bachelor of Technology in Computer Science and Business, CGPA: 9.65 — Aug 2024 – Jun 2028
- **Sri Chaitanya Junior College** — Hyderabad, India
  Intermediate, Telangana State Board of Intermediate Education, 98.6% — May 2022 – Jun 2024
- **Vasant Valley High School** — Karimnagar, India
  Matriculation, Telangana SSC, GPA: 10 — Jun 2021 – Jun 2022

SKILLS SUMMARY

- **Programming & Data**: Python, C++, SQL, Bash, NumPy, Pandas, and Scikit-learn
- **AI & ML Frameworks**: TensorFlow, Keras, PyTorch, and LangChain
- **Web & Dev Tools**: React, Streamlit, Flask, FastAPI, Git, and MySQL
- **Soft Skills**: Strategic Collaboration, Resilience, Emotional Intelligence, and Extended Focus

PROJECTS

- **Somnia AI Hackathon (GitHub)** : Developed **GeoSense**, a **Web3-powered geospatial intelligence** platform combining **AI-based satellite segmentation** and blockchain land management, analyzing **1,000+ parcels** with **real-time mapping** in under 3 seconds.
  Tech Stack : Solidity, Hardhat, Ethereum, GeoJSON, Flask, fine-tuned HQ-SAM

- **Aurora (GitHub)** : Built an **AI-driven assistant** translating **English to Hindi/Hinglish** and generating **4+ content types** via a **custom Transformer**, integrated with **Gemini AI** and **5+ LangChain connectors**, gaining output in under 3 seconds.
  Tech Stack : LangChain, TensorFlow, Keras, Streamlit, Generative AI

- **VibeTrack (GitHub)** : Engineered a deep learning system capable of detecting **6+ emotions** from **real-time or uploaded audio** with **99.1% accuracy**, featuring an **emotion-adaptive chatbot** and a **mood analytics journal**.
  Tech Stack : TensorFlow, PyTorch, Streamlit, plotly, sounddevice, librosa

ACHIEVEMENTS

- **IIWCPC 2025**: Selected among the top 32 finalists nationwide and secured **6th rank** in the finals of the **IIWCPC 2025 Track 1**.
- **Google Girl Hackathon 2025**: Ranked in the **top 2.5%**, advancing to the **Semifinals** among **34,000+ applicants** from **700+ universities**.
- **Reliance Foundation Scholar 2025**: Earned a **merit-based** Reliance Foundation scholarship, awarded to the **top 5% of 100,000+ applicants**.
- **NXP WIT 2025**: Stood among the **top 175 semifinalists** nationwide.
- **DSA**: Solved 250+ problems on Leetcode achieving a peak rating of 1836 (*vennelavarshini18*) .
- **Competitive programming**: Achieved **3-star** on CodeChef (*mainolive76*) and **Pupil** on Codeforces (*vennelaa*) by solving 250+ problems.
- **Flipkart GRiD 7.0**: Shortlisted for **Flipkart GRiD 7.0**, selected from a nationwide pool of **1.6 lakh+ applicants**.
- **FOSS Weekend**: Secured **3rd place among 240** in FOSS Weekend, IIIT Lucknow.
- **GSSoC 2025**: Selected as **Contributor**; submitted PRs merged in data science repositories.
- **Codess.Cafe**: Selected as a **Mentee**, out of more than 2000 talented applicants.

POSITION OF RESPONSIBILITY

- **Member of Axios, Technical Society of IIITL** — Sep 2025 – Present
  Conducted sessions on Machine Learning for juniors.
- **Member of Google Developers Group, IIITL** — Sep 2025 – Present
  Organised sessions on Open Source for aspiring FOSS enthusiasts.