

Vennela Varshini Anasoori

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EDUCATION

- Indian Institute of Information Technology Lucknow** Uttar Pradesh, India
 - Bachelor of Technology - Computer Science and Business, GPA: 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, Scikit-learn
- AI & ML Frameworks:** TensorFlow, Keras, PyTorch, LangChain
- Web & Dev Tools:** React, Streamlit, Flask, FastAPI, Git, MySQL
- Core Soft Skills:** Strategic Collaboration, Resilience, Emotional Intelligence, Focused Execution

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 under 3 sec.**
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 (50K+ lines)**, integrated with **Gemini AI** and **5+ LangChain connectors**, gaining output under 2 sec.
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 150 semifinalists**, chosen from over **15,000+ applicants** nationwide.
- Competitive programming:** Achieved **3 star** on CodeChef (vennela) and **Pupil** on Codeforces (vennela) by solving 250 + problems.
- Flipkart Grid 7.0:** **Shortlisted for Flipkart GRiD 7.0**, selected from a nationwide pool of over **1.6 lakh+ applicants**.
- FOSS Weekend:** Secured **3rd place out of 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 classes and sessions on Machine Learning for juniors.*
- Member of Google Developers Group, IIITL** Sep 2025 - Present
 - Organised sessions on Open source for aspiring FOSS enthusiasts.*