

# Vennela Varshini Anasoori

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## EDUCATION

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| <b>Indian Institute of Information Technology Lucknow</b>              | Uttar Pradesh, India |
| • Bachelor of Technology - Computer Science and Business, GPA: 9.65    | Aug 2024 - Jun 2028  |
| <b>Sri Chaitanya Junior College</b>                                    | Hyderabad, India     |
| • Intermediate; Telangana State Board of Intermediate Education, 98.6% | May 2022 - Jun 2024  |
| <b>Vasant Valley High School</b>                                       | 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

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|---|--------------------|
| <b>Member of Axios, Technical Society of IIITL</b>                        | Sep 2025 - Present |
| • <i>Conducted classes and sessions on Machine Learning for juniors.</i>  |                    |
| <b>Member of Google Developers Group, IIITL</b>                           | Sep 2025 - Present |
| • <i>Organised sessions on Open source for aspiring FOSS enthusiasts.</i> |                    |