Shravya Atreya

B.Tech CSE

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Profile Summary

Self-driven Computer Science undergrad with a strong foundation in Software Development, Data structures, and Algorithmic thinking. Built full-stack projects using React, Flask, and TensorFlow at scale. Quick to learn new tech independently, accustomed to working with large- scale data flows and eager to own end-to-end project delivery.

Education

B.Tech Computer Science & Engineering, *VIT Chennai*
Expected Graduation: August 2027

Skills

Programming
Python, C, C++, Java, JavaScript, HTML/CSS

Frameworks & Tools
ReactJS, Flask, TensorFlow, Pandas, Git, SQL, Excel

Concepts
Data structures & Algorithms, ML Integration, Advanced Excel, Programmatic advertising

Soft Skills
Ownership mindset, Quick learner, Adaptability, Strong Communication

Internship

Research Intern, *VIT Chennai (SCOPE)*   05/2025 – 07/2025
- Worked on hybrid retrieval systems using BM25, vector search, and Reciprocal Rank Fusion (RRF) to improve QA accuracy. Contributed to model evaluation, prompt design, and technical documentation.

Infosys Springboard Pragti Intern   02/2025 – 06/2025
- Strengthened cross-functional competencies through modules on communication, personality development, and agile software engineering, aligning both technical and soft skill growth.

Technical Experience & Projects

PhishGuard, *Python, Transformers (DistilBERT), FastAPI, Next.js*   2025
- Developed a real-time phishing detection tool leveraging DistilBERT for semantic scoring, combined with metadata-based behavioral heuristics.
- Combined semantic scoring and user metadata to detect phishing URLs in real time with low-latency inference.

PitchPerfectAI, *Python, Streamlit, Hugging Face Spaces* 🔗   2025
- Developed a prompt-driven tool to generate structured, professional cover letters based on user input.
- Demonstrated skills in product design, deployment, and natural language generation logic.

Certifications & Coursework

- Google Cloud: Google Cloud Computing Foundations Certificate 🔗
- Postman API: Postman API Fundamentals Student Expert 🔗
- Infosys Springboard: Artificial Intelligence Foundation, Artificial Intelligence Primer Certification

Volunteering & Leadership

Socrates Club, *Events Team Lead*   2025 – 2026
- Led discussions on ethics in AI, surveillance, and digital privacy to bridge philosophical inquiry with modern tech.
- Increased student participation by 3× through inclusive formats and active campus engagement.

Google Developer Groups, *Marketing Team Member*   2023 – 2025
- Conceptualized and executed LinkedIn/Instagram campaign; drove 30%+ boost in user registrations.