

Tejasri Adavath: Student & Aspiring Engineer

Connecting passion with purpose in the world of software.

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About Me

Dedicated B.Tech student at Sridevi Women's Engineering College, specializing in Computer Software Engineering. My academic focus and professional interests lie in Artificial Intelligence (AI), Machine Learning (ML), and their practical applications in solving real-world challenges.

I possess a strong foundation in coding principles and problem-solving methodologies, consistently striving to develop innovative and impactful technological solutions.

Currently based in Hyderabad, Telangana, India.





Key Skills



Python

Hands-on experience in Python programming language.



Engineering

Strong foundation in computer science and engineering principles.



Machine Learning

Familiar with ML workflows, datasets and Models.

My Projects

Explore a selection of my completed projects, demonstrating my expertise in AI, ML, and software development.



Landslides detection using AI methods and Satellite Imagery

Developed a machine learning based system to detect and classify landslide-prone areas using satellite imagery.

Achieved 98.6% accuracy in detecting landslide-vulnerable zones across selected geographic regions.

Technologies: Python, Flask, SQL, ResNet101



DDos attacks detection and classification

The project detects DDoS attacks in network traffic using machine learning. It analyzes traffic patterns to differentiate malicious behavior. The model is trained on labeled datasets for accurate real-time attacks detection. It alerts administrators to mitigate attacks and protect network resources.

Technologies: Python, TensorFlow

Academic Journey

- 1** **2010-2020**
Schooling at Shanthinikethan Talent School- foundational learning with 10 GPA
- 2** **2020-2022**
Intermediate education completed at Gouthami jr. College with 9.5 GPA
- 3** **2022-2026**
B.Tech in Computer Science and Engineering at Sridevi Women's Engineering College with 8.5 GPA



Future Aspirations

Innovate

Develop high-value, scalable solutions leveraging advanced architecture and emerging tech.

Lead

Define technical roadmaps and translate strategic goals into successful executions.

Impact

Drive significant technological advancements and strategic architectural decisions.

My Vision

To leverage innovative technologies and analytical skills to develop intelligent, secure, and efficient systems that solve real-world problems. I aim to contribute to cutting-edge projects, continuously learn, and grow into a role where I can drive technological solutions that have meaningful impact.



Connect with Me

I am always open to new opportunities and collaborations.

Feel free to reach out to discuss technology, projects, or anything in between.

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