Vattikuti Bhavani

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# Professional Summary

Enthusiastic computer science student committed to developing strong technical and problem- solving skills. Actively learning through hands-on projects and quick to adapt to new challenges. Recognized as a supportive collaborator, a fast learner, and someone eager to contribute to meaningful tech-driven solutions.

# Skills

**Languages:** Python (basics), C, HTML/CSS (basics)

**Frameworks/Tools:** Git, React (basics),

**Other:** Team Collaboration, Project Management, MS Excel

# Education

## Bachelor of Technology (B.Tech), Computer Science Engineering

Sridevi Women’s Engineering College, Hyderabad Expected Graduation: May, 2026

CGPA: 8.39

# Academic Project

## AI-Powered Personalized Learning System

Technologies used: Python, Flask, GPT APIs, HTML/CSS/JavaScript

Jan 2025 – June 2025

* Built a personalized learning platform with dynamic content based on user progress.
* Integrated quizzes, assignments, chatbot support, and gamification features.

**HSoMLSDP: A Hybrid Swarm-Optimized Machine Learning Framework for Software Defect Prediction**

Technologies used: Python, Anaconda, Flask, Jupyter Notebook, SQLite3, HTML/CSS/JavaScript

Aug 2025 – Dec 2025 (Currently Working)

* Developed a software defect prediction, integrating advanced feature selection with robust classifiers.
* Enhanced prediction accuracy and interpretability.

# Internships

* Introduction to Python – Elewayte, 2024
* SOAI Internship Program – Swecha, 2024
* Web Development – SkillVertex, 2024

# Achievements

* Delivered paper presentations and seminars on emerging technologies at various college-level technical events.

# Extracurricular

* Coordinator, StreetCause (NGO) - managed fundraising to support the organization.
* Coordinator, College Tech Fests and Sports Fests – handled logistics and hospitality tasks.