

Satwika Eluguri

Student

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🌐 github.com/Satwika0209 🔗 <https://pro-csa7.vercel.app/> 📍 vijayawada

Profile

An enthusiastic and dedicated individual with a keen interest in technology and active participation in various events and initiatives. Eager to secure an internship to develop technical skills, gain practical experience, and contribute meaningfully to a collaborative team environment. Driven by curiosity and committed to continuous learning and personal growth.

Education

Btech-Information Technology

Velagapudi Ramakrishna Siddhartha engineering college [🔗](#)
CGPA:8.9

2022 – 2026

Vijayawada

Intermediate

Sri sarada junior college [🔗](#)
Percentage:98

2020 – 2022

Projects

Ensemble Approaches to Wind Energy Forecasting: A Path to Sustainable Grid Management [🔗](#)

- Analyzes weather parameters: wind speed, temperature, and humidity.
- Predicts power output of wind turbines.
- Aims to optimize energy production and support grid management.
- Implements Linear Regression and Random Forest algorithms.
- Uses an Ensemble Model to combine both for better accuracy and robustness.

Lung cancer detection using CT scans [🔗](#)

- Develops an AI-based lung cancer detection system using CT scans.
- Utilizes deep learning models: ConvNeXt, SegFormer, ResNeXt, and EfficientNet.
- Automates feature extraction and classification.
- Aims to enhance early diagnosis and detection accuracy.
- Assists radiologists in clinical decision-making.

shopping cart system using java [🔗](#)

- The Shopping Cart System using Java Servlets enables users to browse products, add items to a cart, and manage purchases in real-time.
- It features session tracking, user authentication, and MySQL integration for efficient order processing.

Skills

Languages

Python, C++,Java,HTML,CSS

Technical concepts

Operating System, DBMS, Computer Networks

Technologies

ReactJS, DotNet

Tools

VS-Code, Microsoft Visual Studio, NetBeans, Eclipse

Certificates

Hackerrank Python Certification [🔗](#)

Basic

HackerRank SQL certification [🔗](#)

Basic

HackerRank Java Certification [🔗](#)

Basic

Cisco Programming essentials in Python [🔗](#)

Cisco Programming Essentials in C++ [🔗](#)

Cisco CPP - Advanced Programming in C++ [🔗](#)

Cisco-Introduction to Networks [🔗](#)

NPTEL-Privacy and Security in Online Social Media [🔗](#)

NPTEL-The Joy of Computing using Python [🔗](#)

EDX-Introduction to Data Science with Python [🔗](#)