

# Vangimalla Tejaswini

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[LinkedIn](#) | [Github](#)

## CAREER OBJECTIVE

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- To utilize my skills in Machine Learning and data Science to contribute to meaningful projects, enhance my knowledge, and grow professionally in a dynamic and innovative environment .

## EDUCATION

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### Bachelor of Technology (CSE - AIML)

Sri Venkateswara College of Engineering, Tirupati

2021 – 2025 | CGPA: 9.2

### Intermediate (MPC)

Sri Chaitanya Junior College, Tirupati

2019 – 2021 | CGPA: 10.0

### Secondary School Education (SSC)

Sri Chaitanya School, Rayachoti

2018 – 2019 | CGPA: 9.7

## SKILLS

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**Programming Languages:** Python

**Database Technologies:** SQL, DBMS

**Machine Learning:** Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation

**Tools & Libraries:** Scikit-Learn, Pandas, NumPy, Matplotlib, TensorFlow, Keras

**Development Tools:** Jupyter Notebooks, Visual Studio Code, Github

## CERTIFICATIONS

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- NPTEL: Programming, Data Structures and Algorithms using python
- Python for Data Science Project
- Programming Essentials in Python
- Data Science

## PROJECTS

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### Dynamic Selection Hybrid Model for Thyroid Disorder Prediction- [Github](#)

- Developed a Flask web application to predict thyroid conditions using a hybrid model of multiple classifiers.
- Applied feature selection and class balancing techniques (SMOTE, Tomek links).
- **Tech stack used:** Python, Flask, Scikit-Learn, Pandas, NumPy, Matplotlib, XAMPP server, Github, Visual Studio Code

### Student Performance Evaluation- [Github](#)

- Built a Flask web application to predict math scores using demographic data.
- Achieved an R-squared score of 0.879 with Linear Regression.
- **Tech stack used:** Python, Flask, Scikit-Learn, Pandas, NumPy, Matplotlib, Github, Visual Studio Code

### Superstore Analytics Dashboard: Sales and Profit Insights

- Created an interactive Power BI dashboard to analyze sales and profit from 51k+ orders.
- Delivered insights on top-performing regions and products.
- **Tech stack used:** Power BI

## ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

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- **INNOVITS – 2023:** Awarded 2nd Prize and a Silver Medal in the Kho-Kho
- **Quiz Participation:** Competed in a national-level quiz organized by AICTE at Sree Vidhyanikethan College
- **SPARK Event – 2024:** Actively took the lead in organizing and managing technical games at the college fest