TEJASRI VITTANALA

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EDUCATION

2022 – 2026 Bhimavaram	**BTech - CSE , Shri Vishnu Engineering College for women** • CGPA - 9.5 • **Honors** in **Artificial Intelligence** CGPA - 9.3
2020 – 2022 Amalapuram	**Intermediate - MPC , Sri Chaitanya Junior college** Percentage - 98%

RESEARCH PAPER

Categorizing tasks generated by Large Language Models(ongoing)
• Exploring clustering of a ChatGPT task dataset (~5,300 records) using hybrid embeddings (BGE-large), UMAP for dimensionality reduction, and clustering methods like DBSCAN/KMeans. The goal is to improve cluster separation and interpretability compared to traditional BERTopic.

PROJECTS

Smart Resume Analyzer - Python (spaCy, BERT/Transformers)
• Evaluates resumes against job descriptions, providing a **similarity score** and actionable **suggestions** to improve the resume's alignment with the desired role.

Employee Management System - React.js | Node.js | Express.js | MySQL
• Developed the React.js frontend for a role-based Employee Management System, integrating HOD and Employee modules with backend APIs for task, leave, and feedback management.

SKILLS

Technical skills
• Programming : Java, Python, DSA.
• Web Development : HTML5, CSS3, JavaScript.
• Tools : GitHub, Tableau.
• Databases: MySQL, MongoDB.
• CS fundamentals : OOPS, DBMS, OS.

Soft Skills
• Problem Solving
• Team Management
• Communication
• Leadership

CERTIFICATIONS

DSA with Java [79%]
By NPTEL(IIT Kharagpur)

Java programming
By EDX

DB Programming - SQL
By Oracle Academy

Machine learning
By IBM

ACHIEVEMENTS

Adobe Career Academy
• Selected as **1** of **200** mentees across India for mentorship focusing on Data Structures and Algorithms, Computer Science fundamentals, and interview preparation.

Smart coder (Mentorship)
• Smart Interviews Certified Smart Coder with expertise in DSA and mentorship experience.

EXTRACURRICULAR ACTIVITIES

LIMCA BOOK OF RECORDS
• Participated in 30-hour nonstop speech challenge (Toastmasters International, Hyderabad).

• Club Coordinator of Empathy Club and organic Farmerettes Club.