

Tej Varshith Madala

 Varshi45 |  Tej Varshith |  tejvarshith45@gmail.com |  +91 9398960414

ABOUT

Web development: I've a strong background in front-end and back-end development, and I can create user-friendly, responsive websites. Skilled in different frameworks and languages, I always try to improve user experiences and maximize efficiency.

Machine Learning: I've a great interest in ML and NLP since I find data-driven insights and language understanding to be fascinating. I have participated in initiatives that use these technologies, from sentiment analysis to text production.

I'm excited to contribute to team projects and keep developing into a versatile developer in the field of web development.

WORK EXPERIENCE

Web Developer Intern (Virtual)

Exposys Data Labs

Bangalore

May 2023 - Jun 2023

Involved in building an engine that handles featured web app, capable of sending mails to multiple recipients in asynchronous manner.

Machine Learning Intern (Virtual)

Codeway Solutions

Jan 2024 - Feb 2024

Got the experience of working on model building, and evaluation using various algorithms namely Naive Bayes, Logistic Regression, Decision Trees.

PROJECTS

Sports-Scheduler Web App

Feb 2024

A Sports Management System built using Node.js, Express.js, Sequelize ORM, Passport.js for authentication, and EJS for rendering views. The system allows administrators to manage sports and sessions, and players to join sessions.

[Demo](#) [GitHub](#)

To-Do Manager with Node.js Stack

Dec 2023 - Jan 2024

This application is a To-Do Manager that supports multiple users. Users can create, manage, and organize their todo tasks. It includes features such as user authentication (likely implemented with Passport.js), adding new todos, marking todos as completed, and deleting todos.

[GitHub](#)

Basic Search System on Amazon Dataset

Aug 2023

Created a general product search system on Amazon dataset that searches and recommends the top 10 products based on user preferences. The tech stack includes web application development (Streamlit), image processing (PIL), string matching (FuzzyWuzzy), machine learning (scikit-learn), and data handling and analysis (Pandas, NumPy).

[Demo](#) [GitHub](#)

Spam Or Ham Detector

April 2023

A spam or ham detector is a vital tool in the realm of email filtering and text classification. It serves the purpose of distinguishing between legitimate (ham) and unwanted (spam) emails, thereby improving inbox management and enhancing user experience. The content of a spam or ham detector typically involves several key components: Data preprocessing, feature Extraction, model Selection, Evaluation.

[Demo](#) [GitHub](#)

Sentiment Analysis on Digital Rupee

Dec 2022 - Dec 2022

Conducted sentiment analysis on Digital Rupee, a hypothetical digital currency, to understand public opinion and reactions. Utilized Natural Language Processing (NLP) techniques and machine learning algorithms.

[GitHub](#)

EDUCATION

2021 - 2025	BTech CSE , Vishnu Institute Of Technology	(CGPA: 9.15/10.0)
2019 - 2021	Secondary Education , Narayana Junior College	(Percentage: 96)
2018 - 2019	Class X , Bhashyam Schools	(GPA: 9.8/10.0)

CODING PLATFORMS

[LeetCode](#)

[HackerRank](#)

[GeeksforGeeks](#)

SKILLS

- **Languages:** Python, Java, C
- **Backend:** Node.js, Express.js
- **Frontend:** React, TailwindCSS, HTML, JavaScript, CSS, Bootstrap
- **Databases:** PostgreSQL, Firebase, MongoDB, Neo4j
- **Power BI:** Power Query, Data Visualization, Dashboard Creation, Data Analysis, DAX (Data Analysis Expressions)
- **Developer Tools:** Postman, VS Code, GitHub, Git
- **Non-Technical:** Communication, Adaptation to Technology, Leadership Skills
- **Communication Languages:** English, Telugu, Hindi

CERTIFICATIONS

- Analyzing and Visualizing Data with Power BI - Davidson College - edX
- NPTEL Certificate on DSA Using Java
- Web Development Bootcamp - Udemy
- Cybersecurity Course by Google - Coursera
- NPTEL Certificate on Natural Language Processing