C Vishwak Sena

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Career Objective

I am a passionate Computer Science student with a specialization in Data Science, maintaining an impressive GPA of 9.18/10. My strong foundation in programming and data science, combined with active participation in extracurricular activities and community service, distinguishes me. I excel in team-oriented settings where I can leverage both my analytical abilities and creative thinking to contribute effectively.

Education

CMR Institute Of Technology   *Sept 2023 – July 2027*
B.E. in Computer Science - Data Science

- GPA: 9.18
- Coursework: Database Management Systems, Python for Data Science, Data Structures and Algorithms

Experience

Software Engineer Intern   *Bangalore, KA*
ISRO   *Aug 2024 – Nov 2024*

- Executed a project titled **"Mausam Data Training using Machine Learning"**, applying supervised learning models to meteorological datasets.
- Preprocessed and analyzed large-scale weather data for predictive accuracy using Python.
- Designed ML pipelines for data ingestion, cleaning, feature extraction, and model evaluation.
- Collaborated with ISRO's Range Operations (RO) team, gaining hands-on experience in real-time space launch operations.
- Rated **"Very Good"** for conduct and contribution by ISRO Group Director, MSG Division.

Additional Information

Hackathons/Competitions: techXexcelerate - BITS HYD, FullStack Fiesta - CMRIT 2025
Languages: English (Professional), Kannada, Telugu, Hindi

Soft Skills: Effective communication skills complemented by creative problem-solving and strong critical thinking abilities.

Event Management: Skilled in event planning, coordination, and execution with excellent attention to detail, vendor management.

Leadership: Demonstrated leadership as Class Representative (CR) 2023-2025.

Projects

Student Management System   *Student-Management*

- Developed a Python-based desktop application with Tkinter GUI to manage student records, marks, and fee payments.
- Tools Used: Python, Tkinter, MySQL, MySQL Connector.

Billing System Management   *Billing-System*

- Designed a Python-based billing system with a Tkinter GUI supporting multiple business categories (Restaurant, Bus, Medical, and Accessories).
- Tools Used: Python, Tkinter, MySQL, MySQL Connector.

Pulsar and Non-Pulsar Detection using ML

- Built a binary classification model to distinguish pulsar stars from non-pulsars using publicly available astronomical datasets.
- Tools Used: Python, Pandas, Scikit-learn, Matplotlib.

Technologies

Languages: Python, C, Java, SQL

Technologies: Scikit-learn, Pandas, NumPy, Matplotlib, MySQL, VS Code