C Vishwak Sena

 Bangalore   chilukurvishwak21@gmail.com   7019151370   vishwaksen21   vishwaksen21

CAREER OBJECTIVE

Motivated Computer Science student specializing in Data Science with hands-on experience in Machine Learning, full-stack development, and database management. Seeking to apply technical expertise and project experience to build impactful solutions in a dynamic organization.

EDUCATION

CMR Institute Of Technology, Bengaluru   *Sept 2023 – July 2027*
B.E. in Computer Science - Data Science
GPA: 9.2 (till 5th semester)

Vasishta PU College, Ballari   *2023*
Class XII
93%

Dream World School, Ballari   *2021*
Class X
78%

EXPERIENCE

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

- Executed project **"Mausam Data Training using Machine Learning"** on meteorological datasets using supervised learning.
- Preprocessed and analyzed large-scale weather data, improving model accuracy by **12%**.
- Designed ML pipelines for data ingestion, cleaning, feature extraction, and evaluation in Python.
- Collaborated with the Range Operations team, gaining exposure to real-time launch operations.
- Rated **"Very Good"** for conduct and contribution by the ISRO Group Director, MSG Division.

TECHNICAL SKILLS

Languages: Python, C, Java, SQL
Libraries & Frameworks: Pandas, NumPy, Scikit-learn, Tkinter, React, Tailwind CSS
Databases: MySQL
Tools: Git, GitHub, VS Code, Excel, MS Word, MS PowerPoint
Operating Systems: Windows, Linux, Mac

PROJECTS

Student Management System   *Student-Management*

- Built a **Python desktop application** with **Tkinter GUI** to manage student records, marks, and fee payments.
- Integrated with a **MySQL database** for secure storage and fast retrieval.
- Implemented **CRUD operations, input validation, and fee/marks modules**.
- Tech: Python, Tkinter, MySQL.

Billing System Management   *Billing-System*

- Developed a GUI-based billing system supporting multiple product categories and tax calculations.
- Automated invoice generation and transaction history using MySQL.
- Reduced manual errors by automating order processing and bill printing.
- Tech: Python, Tkinter, MySQL.

Pulsar and Non-Pulsar Detection using Machine Learning
- Developed a **binary classification model** to distinguish pulsars from non-pulsars.
- Applied preprocessing, feature engineering, and training with Scikit-learn algorithms.
- Evaluated using confusion matrix, precision, recall, and F1-score.
- Tech: Python, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook.

Personal Portfolio Website   *Portfolio* ↗
- Designed a **responsive portfolio website** to showcase projects and achievements.
- Deployed the website with version control for continuous updates.
- Tech: React, JavaScript, Tailwind CSS.

Club Website Development   *CCA-CMRIT* ↗
- Developed the official **club website** to showcase events, announcements, and achievements.
- Delivered a responsive design compatible with multiple devices.
- Deployed the website for public access and maintenance.
- Tech: React, JavaScript, Tailwind CSS.

CO-CURRICULAR and EXTRA-CURRICULAR

Certifications

- Python for Data Science, AI & Development – IBM
- Divide and Conquer, Sorting and Searching, Randomized Algorithms – Coursera
- C Programming – MyCaptain
- Python for Beginners – MyCaptain
- AI Skills Passport – Completed certification offered by EY and Microsoft

HACKATHONS

- Participated in **TechXcelerate (BITS HYD) and FullStack Fiesta (CMRIT 2025).**
- Recognized in technical competitions and problem-solving rounds.

TECHNICAL CLUBS

- Active member of **CCA-CMRIT (Centre for Cognitive Activities)**.
- Contributed to club website development and event management.
- Organized coding competitions and peer-learning sessions.

OTHER ACTIVITIES

- Certificate of Appreciation as **Coordinator** for *MindSpeak: A Battle of Perspectives*, CMRIT (2025).
- Winner of *MindSpeak: A Battle of Perspectives*, CMRIT (2025).
- Secured **3rd place** in the event *Plot and Cast* at **Convergence 2024**, Inter-Collegiate Mathematics Fest organized by Christ University (Sept 2024).
- Selected as College Ambassador for IIT Bombay's Techfest 2025-26.
- Certified as an **Active Participant** in the **Campus 2 Community Fellowship** (Cohort 1) at CMR Institute of Technology.
- Volunteered in cultural events and community service initiatives.

PERSONAL DETAILS

Date of Birth: 21-06-2005
Gender: Male
Nationality: Indian
Current Address: Sweet Dreams Co-Living PG, Bengaluru, India
Permanent Address: Kolimi Bazaar, Agadi Compound, India
Languages: English (Professional), Hindi, Kannada, Telugu (Native)
Hobbies: Coding, Gaming, Event Management, Volunteering