

C VISHWAK SENA

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Leetcode: https://leetcode.com/u/vishwak_sen21/



CAREER OBJECTIVE

Passionate Computer Science student specializing in Data Science, with a strong foundation in programming and analytical problem-solving. Actively engaged in extracurricular activities and community initiatives, I bring a balance of technical expertise and collaboration skills. I thrive in team-oriented environments, where I can combine analytical abilities with creative thinking to drive impact outcomes. Dedicated to continuous learning and leveraging technology to address real-world challenges.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Computer Science Engineering - Data Science**
CMR Institute of Technology, AECS Layout,
Bangalore 9.12, 2027 [Pursuing]
- **12th Standard – Science**
Vasishta PU College, Ballari
92.16%, 2023
- **10th Standard**
Dream World School, Ballari
78.02%, 2021

TECHNICAL SKILLS

Programming Languages: Java, Python, C.

Software: Visual Studio Code, Jupyter Notebook, Github CodedSpcae, Google Workspace, IntelliJ Idea.

Operating System: Windows, Linux, Mac.

Web Technology: HTML, CSS, JavaScript, React.js, Node.js.

Database: MySQL, MongoDB.

Version Control: Git, GitHub.

PROJECTS

- **Title: Club Website Development**
 - 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 Stack:** React, JavaScript, Tailwind CSS.
- **Title: Automated Face Recognition Attendance System**
 - Designed a face recognition system to automate student attendance.
 - Built modules for face capture data set creation and model training.
 - Implemented real-time detection to generate CSV based attendance report.
 - Design a simple GUI for registration, attendance and record viewing.
 - **Tech Stack:** Python, OpenCV, Tkinter, NumPy, Pandas.
- **Title: 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.
 - Visualized data distributions and model performance insights using Matplotlib and Seaborn.
 - **Tech Stack:** Python, Pandas, Scikit-learn, Matplotlib.

- **Title: Student Management System**
 - Built a Python desktop application with Tkinter GUI to manage student records.
 - Integrated with a MySQL database for secure storage and fast retrieval.
 - Designed user-friendly dashboards and search functionality for efficient record management
 - Implemented CRUD operations, input validation, and fee/marks modules.
 - **Tech Stack:** Python, Tkinter, MySQL.

INTERNSHIPS

- **Company Name:** ISRO - Sriharikota **Duration:** 3 Months
Designation: Software Intern
Responsibilities:
 - Executed project "Mausam Data Training using Machine Learning" on meteorological datasets.
 - 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.

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Hackathons:**
 - Competed in **Techxcelerate(BITS HYD) Hackathon, 2025**.
 - Participated in **Adobe India Hackathon, 2025**.
 - Engaged in **FullStack Fiesta 2025** at **CMRIT**.
 - Participated in **Google Agentic AI Hackathon, 2025**.
 - Participated in **Smart India Hackathon, 2024 and 2025**.
 - Competed in **ByteBattle 1.0 - DSA Hackathon, 2025**.
- **Technical Clubs:**
 - Active Technical Team Member of **Centre For Cognitive Activities(CCA)** since April 2025.
 - Event Management lead, **Innovation Club**, since October 2025.
- **Events Conducted:**
 - Organised Department Level events: **MindSpeak, DataQuest**.
 - Conducted Club-level events: **Express & Impress**.
- **Additional Responsibilities:**
 - Served as **Class Representative** in the 4th, 5th semester.

ACHIEVEMENTS

- Winner of MindSpeak: A Battle of Perspectives, CMRIT (2025).
- Secured 3rd place in the event Plot and Cast at Convergence 2024 Inter-Collegiate Mathematics.
- Awarded Class Representative Certificate (2023–Present) for leadership.
- Selected as College Ambassador for IIT Bombay's Techfest 2025-26.
- Certified as an Active Participant in the Campus 2 Community Fellowship (Cohort 1).

PERSONAL DETAILS

Date of Birth	: 21 st June, 2005.
Gender	: Male.
Nationality	: Indian.
Permanent Address	: Sweet Dreams Coliving PG, Near Haldirams, Brookfield, Kundalahalli, Bengaluru-560037.
Linguistic Competency	: Kannada, English, Hindi, Telugu.
Hobbies	: Gaming, Playing Badminton and Football,