

SWARNA SRI KAVYA

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🔗 srikavya12-Kavs

CAREER OBJECTIVE

"Motivated Computer Science student with a strong foundation in software development, machine learning, and data analytics. Experienced in applying ML algorithms, building data-driven solutions, and developing real-world applications using Python and modern frameworks. Passionate about writing clean, efficient code and continuously learning new technologies. Seeking an internship opportunity to collaborate with industry professionals and contribute to impactful software and AI-driven projects."

EDUCATION

Bachelor of Technology - Vignan's University, Vadlamudi

Computer Science Engineering and Business Systems

CGPA: 8.80/10.0

April 2022 - Present

Senior Secondary Education - Sri Chaitanya College, Hyderabad

Mathematics, Physics, Chemistry

Marks: 987/1000

June 2020 - May 2022

TECHNICAL SKILLS

- **Programming Languages:** C++, SQL, Basics of Data Structures and Algorithms.
- **Frameworks and Libraries:** Scrum, Kanban, Pandas, NumPy, MongoDB, GitHub
- **Developer Tools:** XAMPP, MySQL, Google Colab, Android Studio
- **Business Management:** Accounting Principles, Management Skills, Business Strategy, IPR, HRM
- **Core Subjects:** Database Management System, Agile Methodology, Software Development Life Cycle (SDLC), Machine Learning, Operating Systems, Basics of Networking and System Design

PROJECTS

Fake News Detection Using Machine Learning (*Team*) [🔗](#)

2025

- **Tools Used:** Python, Scikit Learn, Pandas, XGBoost, AdaBoost, Google Colab
- **Application of Machine Learning and Boosting Algorithms:** This project aims to develop a reliable model using ML classification and boosting algorithms that detects potentially misleading news and aids users in making informed decisions by identifying trustworthy information sources.

Gesture-Based Volume Control: Control System Volume with Hand Gestures (*Self*) [🔗](#)

2025

- **Tools Used:** Python, OpenCV, Mediapipe, PyCaw, Computer Vision
- **Application of AI and Computer Vision:** This project enables users to control their system's volume by detecting hand movement through webcam input, the distance between the thumb and index finger determines the volume level-a larger distance increases volume, and a smaller distance reduces it.

Hostel Management System (*Self*) [🔗](#)

2024

- **Tools Used:** XAMPP, PHP, HTML, CSS, JavaScript
- **Application of Web Development and Database Management:** This project aims to create a comprehensive hostel management system for the girls' hostel at my college. It includes features like student registration, room allocation, and payment tracking.

EXPERIENCE

AICTE

Key Responsibilities:

- Conducted data analysis and implemented AI models to derive insights for sustainable solutions.
- Developed predictive models to optimize resource utilization and reduce environmental impact.

Skills Gained: Machine Learning, Data Visualization, Green Computing, Python, Pandas, and NumPy.

CERTIFICATES

- Successfully accomplished AWS Cloud Practitioner Essentials certification via Amazon Skill Builder.
- Completed "AI in HRM " and "Financial Management for Managers" courses offered by NPTEL.
- Finished "Human Skills for Business Success", "Mastering HTML and CSS", and "Java Fundamentals for Beginners" courses on Udemy.
- Concluded a 60-hour intensive public speaking training under the Life Skills program.
- Fulfilled Zoho Creator Student Training through the Young Creators Program in 2023, mastering low-code application development.
- Earned SQL Basics Certification from HackerRank (2024).
- Achieved the Cambridge Preliminary English Test (PET) Certification.

AWARDS & ACHIEVEMENTS

- Solved 100+ DSA problems in leetcode and coding ninjas
- Recognized with the Academic Excellence Award by the Dept of ACSE, Vignan University (2025).
- Granted a 75% Merit Scholarship for admission through EAMCET, 2022 at Vignan's University (Rank: 9678).
- Honored with 1st Prize in Essay Writing Competitions on Republic Day, Independence Day, Gandhi Jayanti, and during the 57th Library Week Celebrations (2024).
- Recognized as 2nd Prize Winner in Ideathon Competition on Women's Day (2024).
- Granted 1st Prize in Quiz Competition on National Mathematics Day (2023).
- Pre-Finalist at Vardhan Ideathon 2025.

EXTRA CURRICULAR ACTIVITIES

- Actively participated in volunteer activities, contributing to various community service initiatives and outreach programs.
- Participated in university-level elocution and debate competitions, showcasing strong public speaking and persuasive skills.
- Led an inter-departmental project, coordinating efforts and guiding the team to achieve project goals effectively.
- Served as a student coordinator for the Mahotsav Youth fest, overseeing event planning and execution to ensure a successful college-wide celebration.

DECLARATION

I acknowledge that the information above is accurate to the best of my knowledge and accept responsibility for its correctness.

Swarna Sri Kavya