

SWETHA VENKATRAMAN

Chennai, Tamil Nadu, India

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PROFESSIONAL SUMMARY:

B.Tech student in Computer Science and Business Systems (Expected 2026) with hands-on experience in Machine Learning, Data Science, and Generative AI. Skilled in Python, C, MySQL, and full-stack web development using HTML, CSS, JavaScript, Django. Developed ML models with up to 85% accuracy, and built responsive websites as part of real-time academic and internship projects. Adept at data analysis, model evaluation, and deployment. Strong communicator, fast learner, and collaborative team player with proven problem-solving and time management abilities.

EDUCATION:

- Sri Sairam Engineering College - B.Tech Computer science and business Systems - **CGPA : 8.02** (Expected 2026)
- The PSBB Millennium School OMR

SKILLS

- Languages: Python (Advanced), Java (Basic), C (Basic)
- Web Development: HTML, CSS, JavaScript, Django
- Database: MySQL, MongoDB
- Tools: Power BI
- Core Areas: Machine Learning, Data Science, Generative AI

SOFT SKILLS

- Team Work
- Problem Solving
- Time Management
- Public Speaking

PROJECTS

- **CUSTOMER CHURN PREDICTION SYSTEM**

->Developed a churn prediction model with 85% accuracy using Logistic Regression and Decision Trees on customer behavior data.

->Technologies used: Python, pandas, scikit-learn, logistic regression, decision trees.

- **MOVIE RECOMMENDATION SYSTEM**

->Built a movie recommendation system using content-based and collaborative filtering with TF-IDF and SVD techniques.

->Utilized Python, Scikit-Learn, and Surprise library to predict personalized movie suggestions from the Movies dataset.

- **PORTFOLIO WEBSITE**

->Designed and developed a personal portfolio website using HTML5, CSS3, Bootstrap, and JavaScript to showcase projects and skills.

EXPERIENCE

- **Internship at Bahwan CyberTek, Chennai (June 2024 - July 2024)**

Role: Social Media Marketing & Web Development - Managed social media campaigns and developed responsive websites using HTML, CSS, and MySQL.

CERTIFICATIONS

- Introduction to Artificial Intelligence (2023) – Linkedin Learning
- Python – Skillrack
- Learning Data Science: Understanding the Basics – Linkedin Learning
- Basics of SQL – Skillrack
- Java – Spoken Tutorial

LANGUAGES

Tamil | English | Hindi | Telugu

CONTACT

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