

SHASHMITHA V

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Career Objectives

Motivated and detail-oriented Artificial Intelligence and Data Science student with a strong foundation in data science, machine learning, business analytics, and web development. Eager to apply analytical thinking and technical expertise to solve complex business problems and drive data-driven decision-making. Seeking an opportunity to contribute to impactful projects in a dynamic, innovation-driven environment while continuously expanding my technical skills.

Education

Srinivas Institute of Technology

B.E in Artificial Intelligence and Data Science

2022 – 2026

CGPA: 8.58/10

SDM PU College

Pre-University Course (PCMB)

2020 – 2022

80.5%

Prabodhini Vidya Kendra

SSLC / Class X

2008 – 2020

96.32%

Projects

Social Media Usage Data Analysis | *Python, Pandas, Matplotlib, Seaborn*

July 2025

- Analyzed a dataset on user behavior across various social media platforms to identify usage patterns and correlations.
- Performed exploratory data analysis (EDA), data cleaning, and visualization to draw insights on user activity trends.

Volunify – Volunteer Community Platform | *TypeScript, JavaScript, React, REST APIs*

May 2025

- Built a full-stack platform enabling volunteers to discover opportunities, manage profiles, and connect via messaging, with real-time updates powered by Supabase.
- Implemented secure user authentication, filtered service search, dashboards for activity tracking, and scalable REST APIs.

Crop Recommendation System (Mini Project) | *Python, Machine Learning, Scikit-learn, Pandas*

Dec 2024

- Developed a logistic regression-based model to recommend optimal crops using soil parameters (N, P, K, pH), temperature, humidity, and rainfall.
- Achieved high predictive performance—95% accuracy with finetuned hyperparameters and validated through 5-fold cross-validation.

Skills

Programming Languages: Python, C

Libraries/Frameworks: Pandas, NumPy, Scikit-learn, TensorFlow, Flask, React (Basics)

Tools & Platform:: Jupyter, Power BI, Tableau, MySQL, Git & GitHub

Database management: MySQL, MongoDB, (Basics of SQL Server)

Other: Data Analysis, Machine Learning, Business Analytics, Web Development, REST APIs

Soft Skills: Teamwork, Problem Solving, Adaptability, Time Management

Certifications

IT Specialist – Artificial Intelligence, Certiport (Dec 2024)

IT Specialist – Data Analytics, Certiport (June 2024)

Achievements

- Presented a research paper titled "SmartAgro: An AI-Powered Advisory System for Crop Selection, Fertilizer Optimization, and Sustainable Farming" at the International Conference on Recent Innovations in Computer Science (ICRICS 2025).
- Published the paper in the JETIR (Journal of Emerging Technologies and Innovative Research) as part of the conference proceedings.
- Volunteered in NSS activities and actively organized technical and cultural events during college fests and department association programs.
- Participated in national-level workshops, hackathons, and contributed to open-source projects, collaborating on real-world tech solutions.