

Swapnika Satti

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EDUCATION

Shri Vishnu Engineering College For Women

Bhimavaram, India

Bachelor of Technology in Artificial Intelligence and Machine Learning

CGPA: 8.68/10.00

Sri Chaitanya Junior College

Rajahmundry, India

Intermediate (Board of Intermediate Education)

Percentage: 92.1%

SKILLS

Languages Python, Java

CSE Fundamentals Data Structures and Algorithms (DSA), OOP, OS, Computer Networks, DBMS

Web Technologies HTML, CSS, JavaScript

Databases & Data MySQL, Excel, Power BI, Data Cleaning, Feature Engineering

Tools & Platforms Git, GitHub, VS Code, Google Colab, Streamlit, Vercel

PROJECTS

Bike Sharing Demand Prediction System

Repository

Tech Stack: Python, Pandas, Scikit-learn, Streamlit

- Built an end-to-end ML pipeline to predict bike demand using time and weather features
- Evaluated models using **R²** and **RMSE**, selecting the best-performing model
- Deployed a **Streamlit web app** with real-time predictions and visualizations

Personal Portfolio Website

Live — Code

Tech Stack: HTML, CSS, JavaScript, Vercel

- Designed a **responsive portfolio** to showcase projects, skills, and coding profiles
- Implemented **animations, smooth scrolling, and interactive UI**
- Deployed on **Vercel** for fast and scalable access

AI Gift Suggestor System

Repository

Tech Stack: Python, Flask, Scikit-learn, HTML, CSS

- Built a **Random Forest-based recommendation system** using user preference data
- Applied **feature encoding and preprocessing** for accurate suggestions
- Developed a **Flask web application** for user interaction

EXPERIENCE

Infosys Virtual Internship

Oct 2025 – Dec 2025

Data Science Intern

- Developed a **machine learning model** to predict bike prices
- Performed **data preprocessing, feature engineering, and EDA**
- Built and evaluated **regression models** to improve prediction accuracy

ACHIEVEMENTS

- **Web Development Internship:** Completed SkillDzire internship and built responsive web applications
- **Top 10 – Failathon 2024:** Proposed a model for promoting healthy nutrition habits
- **LeetCode:** Peak rating **1567**, solved 250+ problems
- Earned **100 Days Badge** on LeetCode for continuous coding streak
- **HackerRank:** 5-Star in Problem Solving, Python, Java

CERTIFICATIONS

- **Infosys** – Introduction to Java
- **Deloitte** – Data Analytics Virtual Experience Program
- **HackerRank** – Certified in Python Basics
- **Cisco Networking Academy** – Network Essentials, Introduction to Cybersecurity