

Ayesha Shaik

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Skills

Languages: Python, SQL, JavaScript

Technologies: Git, GitHub, VSCode, Jupyter Notebook

Education

Vasireddy Venkatadri Institute Of Technology, Computer Science (AIML)

Aug 2023 – May 2027

- GPA: 8.89/10
- **Coursework:** Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Optimisation Techniques

Projects

Socket Programming

GitHub

- Designed and implemented a real-time chat application using socket programming with TCP/IP protocol. Developed both client and server-side scripts to enable secure and reliable message exchange over a network. Demonstrated core concepts of networking, such as connection establishment, data transmission, and multi-client handling.
- Tools Used: Python, Sockets, TCP/IP Protocol

Crop Recommendation System

GitHub

- Developed a machine learning model that recommends the most suitable crop based on soil parameters like Nitrogen, Phosphorus, Potassium, pH, temperature, humidity, and rainfall. Utilized a Decision Tree algorithm for accurate predictions and evaluated the model using accuracy and classification metrics. Aimed to assist farmers in making data-driven crop decisions to improve yield and sustainability.
- Tools Used: Python, Machine Learning, Pandas, Scikit-learn

Personal 3D-Portfolio Website

GitHub

- Designed a personal **3D-portfolio** using **HTML**, **CSS**, and **JavaScript**. Created a **clean, responsive layout** to showcase skills and projects across devices. Added **smooth animations** and **interactive elements** for better user experience.
- Tools Used: VSCode, GitHub

Extra-Curricular Achievements/Activities

- Currently serving as the **Member of ACM Student Chapter (2025–2026)**, leading initiatives to foster women's participation in computing and organizing impactful tech events at the college level.

Internships

Certificates

- Completed a 4-week **virtual Foundations of AI** internship (Apr–May 2025) via Edunet Foundation and Microsoft under AICTE. Learned fundamental AI concepts and applications.