**R SAHANA SRI**

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**EXECUTIVE SUMMARY**

Curious and driven,with a genuine love for solving real problems using Python and machine learning. Enjoys exploring ideas, building smart solutions, and learning something new with every project. Always looking for ways to make technology more useful, practical, and impactful.

**INTERNSHIPS**

**Acutix Soft LLP, Chennai** **April 2025 – Jun 2025**

An AI-powered WaaS platform designed to heal anomalies in Self-Healing Concrete using real-time data.

**PROJECTS**

* Developed a **User Segmentation Web Application using Python and Stream**lit that enables dynamic CSV uploads, feature selection, and KMeans clustering, with visualizations powered by Plotly and results export for marketing or business.
* Developed a **Next Word Prediction Web Application using Python and Streamlit,** trained an **LSTM model** on Wikipedia text data, enabling real-time next-word suggestions with dynamic user input and model retraining support.
* **Built an AI-driven stock trading app** using a custom **Gym‑style environment** with real‑time yfinance data, trained **a DQN** agent to make Buy/Sell/Hold decisions, and delivered a responsive Streamlit dashboard featuring live charts, interactive buttons, and reward tracking.

**CERTIFICATE**

* Data Analytics and Visualization Job Simulation, Accenture.
* Artificial Intelligence Primer Certification, Infosys Sprinboard.
* Principles of Generative AI Certification, Infosys Springboard.
* Introduction to Modern AI, Cisco.

**COURSEWORK**

* Soft Skills, TCS ion.

**EDUCATION**

**SA Engineering College, Chennai Nov 2022 – Present**

Artificial Intelligence and Data Science, GPA: 8.67

**Government Model Higher Secondary School, Chennai** **June 2020 – April 2022**

Higher Secondary, Score: 83%

**SKILLS**

Technical Skills: Python(basic), Streamlit,Tableau,C++(basic),ML and AI.

Soft Skills: Data Management, Attention to Detail, Time Management and Adaptability

**LANGUAGES**

* English: Fluent
* Tamil: Native Proficiency