

SRUJANA RAJAVARAPU

☎ +91 9654050122 || R_srujana2004@gmail.com |

in LinkedIn || [Git](#) – [hub](#)

PROFILE

Final-year B.Tech Computer Science student with hands-on experience in front-end development, computer networking, and machine learning. Selected among the top 1% nationwide for the Women Engineers Program by TalentSprint, supported by Google. Proven ability to build interactive web applications, lead open-source initiatives, and apply AI/ML techniques to real-world problems. Passionate about leveraging emerging technologies to drive innovation and create scalable, high-impact solutions..

EDUCATION

Vignan's Foundation for Science, Technology and Research -Guntur, Andhra Pradesh
Bachelor of Technology (B.Tech) in Computer Science Engineering -Expected 2026
CGPA: 7.8/10

Relevant coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer systems, Software Engineering, Machine Learning, Artificial Intelligence.

Kendriya Vidyalaya 1st to 12th (2010-2022)
CBSE Board (Math, Physics and Chemistry)
90.2% in 10th, 77.2% in 12th

PROJECTS

1.WE Arcade - Squid Game Module Jan 2025 - March 2025

Women Engineers Program (TalentSprint, supported by Google)

Role: Deputy Head Team Member

- Contributed to WE Arcade, an open-source collection of interactive games and storytelling projects built by 103 women engineers.
- Took on the role of Deputy Head for the “Squid Game” module, leading the design and logic development for the Red Light, Green Light gameplay.
- Designed the **UI layout** using Figma.
- Implemented game mechanics using React and Flask APIs, replicating the core rules of the Squid Game in an interactive format.

Git-hub

2. Crop Prediction Vignan University Sept 2024 -Nov 2024

Developed a machine learning-based system to predict the most suitable crop using soil and climate data. Implemented multiple algorithms (Random Forest, SVM, XGBoost, etc.) on a dataset of 2,200+ entries, achieving up to 96% accuracy. Evaluated model performance using accuracy, F1-score, and error metrics, with cross-validation to ensure robustness.

- Developed a predictive model using 9 machine learning algorithms (e.g., Random Forest, SVM, Gradient Boosting) to identify the most suitable crop based on soil and climate data.
- Achieved 96% accuracy with Gradient Boosting, outperforming traditional models in classification tasks and offering reliable recommendations to farmers.
- Measured performance with training/prediction time, accuracy, F1-score, MAE, and RMSE, ensuring both classification and regression goals were met effectively.

Git-hub

SKILLS AND STRENGTHS

Programming Languages & Frameworks: C, Python, Java, SQL, ML, HTML, CSS

Databases & Tools: MongoDB, MySQL, Git, Packet Tracer

Soft Skills: Communication, Teamwork, Time Management

Languages Known: English, Hindi, Telugu, Korean (learning), Japanese (learning)

Strengths: Quick learner, Team-oriented, Self-motivated, Calm under pressure, Thrive in challenging situations, Adaptable, Tech-enthusiast

ACHIEVEMENTS

1. Certified in “Linguaskill Business (CEFR Level C1)” in 2025. - **Cambridge**
2. Certified in Preliminary English Test (Level B2) in 2022. - **Cambridge**
3. Selected for Women Engineers Program by TalentSprint, supported by Google — top 1% among 23,000+ applicants in India. - **WE**

CERTIFICATIONS

1. **AI Azure Internship Certificate**, Microsoft AICTE (via Edunet Foundation May- June 2025)
2. **CCNA: Introduction to Networks** (Cisco NetAcad, 2025)
3. **CCNA: Switching, Routing, and Wireless Essentials** (Cisco NetAcad, 2025)
4. **CCNA: Enterprise Networking, Security, and Automation** (Cisco NetAcad, 2025)
5. **Introduction to Cybersecurity** (Cisco NetAcad, 2025)
6. **Python Essentials 1** (Cisco NetAcad, 2025)
7. **Python Essentials 2** (Cisco NetAcad, 2025)
8. **Introduction to Packet Tracer** (Cisco NetAcad, 2024)
9. **Network Access Basics** (Cisco NetAcad, 2024)

EXTRACURRICULAR

1. Gold Medalist at **2nd Telangana Cup International Martial Arts Championship 2023** in Taekwondo (Kata/Kumite), held at LB Stadium, Hyderabad.
2. **2nd Prize in Taekwondo (under 73 kg)** at Vignan Mahotsav 2024.
3. 1st Prize in Taekwondo (under 67 kg) at Vignan Mahotsav 2023, a national-level youth festival.
4. Gold Medalist in Taekwondo (over 67 kg) at the 21st District Taekwondo Championship 2023, Guntur.
5. 1st Place in Taekwondo (under 73 kg) at Inter-University Games 2022-23, Vignan University.
6. **Represented KVS Hyderabad Region in Hammer Throw** (Athletics U17 Girls) at the 50th KVS National Sports Meet 2019, Dharmashala.

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.