

GAYATRI.

B.E. Electronics and Communication Engineering Student

EMAIL

gayatrixc@gmail.com

PHONE

+91 XXXXXXXX

LINKEDIN

[linkedin.com/in/gayatri-xc/](https://www.linkedin.com/in/gayatri-xc/)

Professional Summary

Self-motivated and inquisitive B.E student specialising in Electronics and Communication Engineering, with a growing passion for web development and a strong Technology. Actively building full-stack capabilities by engaging in hands-on internship projects and continuous self-learning. Experienced in both embedded system development and software-based machine learning solutions. Open to opportunities in software development, web technologies, and interdisciplinary roles that combine hardware and software problem-solving.

Education

B.E in Electronics and Communication Engineering:

Stanley College of Engineering and Technology for Women, Hyderabad

Oct 2022 – Aug 2026 | CGPA: 8.44

Intermediate (MPC): Sri Chaitanya Junior College for Girls, Hyderabad

2020 – 2022 | Percentage: 85%

SSC (10th Grade): Sri Chaitanya Techno School, Hyderabad

2019 – 2020 | GPA: 10/10

Skills

- **Programming Languages:** C, Python, Java
- **Web Development:** HTML5, CSS3, JavaScript
- **Tools:** Git, VS Code
- **Soft Skills:** Leadership, Analytical Thinking, Time Management, Teamwork, Communication

Certifications

AI/ML Internship:

Acharyaji Technologies (May 2024 – July 2024)

Void Main Technologies (May 2025 - June 2025)

Web Development Internship:

TSIG (May 2025 – June 2025)

Experience

AI/ML Intern – Acharyaji Technologies

May 2024 – July 2024

- Developed and fine-tuned an XGBoost model to classify malignant and benign breast cancer tumors using the breast cancer dataset.
- Preprocessed and scaled real-world medical data, applying techniques like normalization and feature selection.
- Built multiple machine learning models (SVM, Logistic Regression, KNN, Naive Bayes, etc.) and compared their performance using confusion matrices, accuracy scores, and cross-validation.
- Conducted exploratory data analysis (EDA) with visualizations such as pair plots, heatmaps, and class distribution graphs.

Web Development Intern – TSIG

May 2025 – June 2025

- Built a personal portfolio website using HTML and CSS to showcase skills, projects, and background.
- Developed a simple job tracker website using HTML, CSS, and beginner-level JavaScript to log job applications and deadlines.
- Participating in structured training sessions and hands-on project development to strengthen front-end skills.
- Collaborated remotely with peers and mentor guidance using GitHub and VS Code.

Projects

1. Breast Cancer Detection using Machine Learning

- Used XGBoost and other classifiers on labeled medical data to predict cancer diagnosis.
- Project included: data cleaning, feature engineering, model evaluation, and visualization.
- Technologies: Python, Scikit-learn, Seaborn, Matplotlib, Pandas, NumPy
- Outcome: Achieved high model accuracy, gaining experience in real-world ML application development.

2. GSM-Based School Children Security System using RFID

- Hardware-based safety system to track and notify student entries/exits via GSM SMS alerts.

- Hardware: Arduino Uno, RFID Reader and Tags, GSM Module, LCD Display, Power Supply
- Software: Keil µVision IDE, Embedded C
- Purpose: Improve safety for children by alerting parents/schools in real time.

3. Personal Portfolio Website

- Built to represent skills and personal journey in web development.
- Tools: HTML, CSS, hosted on GitHub Pages
- Repository: <https://github.com/gayatrixc> / [GitHub – css-learning](#)

4. Job Tracker Website

- Web tool to log and track job applications and interview stages.
- Technologies: HTML, CSS, basic JavaScript
- Hosted using GitHub Pages with responsive design approach.

Extra-Curricular Activities

- IEEE & IEEE MTT-S Student Member – Active participant in student chapter events and technical webinars hosted by the institution.
- Participated in technical events and poster presentations within the college.

Languages Known

- English – Professional working proficiency
- Hindi – Fluent
- Telugu – Native / Fluent

Hobbies

- Reading
- Sketching
- Painting
- Playing Chess

Strengths

Quick Learner, Leadership, Calm under Pressure, Strong Communication Skills & Committed to Growth

Declaration: I hereby declare that the above information is true to the best of my knowledge.