

# SAMALA RAJA SREE

+91 9182715013 | rajasrisamala2004@gmail.com | [linkedin.com/in/rajasree-samala](https://linkedin.com/in/rajasree-samala) | [github.com/Rajasree37-pixel](https://github.com/Rajasree37-pixel)

## OBJECTIVE

A results-oriented professional specializing in translating complex raw data into strategic business insights. Proficient in developing interactive end-to-end data applications and automated analytical pipelines using Python, SQL, and Streamlit. Dedicated to building scalable, user-centric tools-evidenced by recent deployments of global retail recommendation engines and deep-dive financial industry analyses.

## EDUCATION

**Bachelor of Science in MSCs (Mathematics, Statistics, and Computer Science)** | Villa Marie Degree College for Women, Somajiguda, Hyderabad | Expected Graduation: August 2025 | CGPA - 8.84/10

**Intermediate - MPC (Mathematics, Physics, and Chemistry)** | Villa Marie Junior College for Women, Somajiguda, Hyderabad | 2020 - 2022 | Grade 'A'

## SKILLS

### Technical Skills:

- **Programming Languages:** Python, Java, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap
- **Tools & Software:** GitHub, VS Code, Microsoft Office Suite, Canva, Tableau, Power BI, Jupyter Notebook, Streamlit
- Data Structures

### Soft Skills:

- Communication
- Teamwork
- problem-solving
- Critical Thinking
- Adaptability
- Leadership
- Time Management

## PROJECTS

**BiblioVilla - Know.Renew.Readon (Academic Project)** | [[GitHub Code](#)] | [[Website View](#)]

- Collaborated in a team of four to develop a responsive online library using HTML & CSS for frontend and MySQL with php for backend.
- Implemented user authentication, books catalog, cart, reminders & notifications, enhancing user experience and streamlining library processes.
- Utilized phpMyAdmin for database management.
- **Tech Stack:** PHP Admin, VS Code, MySQL, JavaScript, HTML, CSS

**Online Retail Recommendation Dashboard** | [[Live Demo](#)] | [[GitHub Code](#)]

- Built a full-stack data application that identifies trending products across 30+ countries using a popularity-based logic.
- Optimized app performance by managing memory-intensive Excel datasets and automating data cleaning with Pandas.
- **Tech Stack:** Python, Streamlit, Pandas, Matplotlib, Seaborn.

## **Global Unicorn Startup Analysis** | [\[Project Report\]](#) | [\[GitHub Code\]](#)

- Analyzed 1000+ startups to identify global investment trends and market leaders.
- Engineered SQL pipelines to clean and standardize multi-billion dollar financial data.
- Created Excel dashboards visualizing that 66% of funding is concentrated in the US and China.
- **Tech Stack:** SQL (MySQL), Microsoft Excel, Data Visualization.

## **INTERNSHIPS/VOLUNTEER EXPERIENCE**

### **Data Science Intern** | Plasmid Innovation Pvt. Ltd., Hyderabad, Telangana

October 2024 - December 2024

- Researched and wrote a report on Decorators and Generators in Python as the minor project.
- Engineered an interactive Retail Recommendation System using Python and Streamlit to analyze 540k+ customer transactions.
- Developed data pipelines to clean and process large-scale datasets, improving data reliability for regional market analysis.
- Delivered a live, cloud-deployed dashboard (Streamlit Cloud) for stakeholders to visualize global product popularity trends.

### **Vice President** | Rotaract club of Villa Marie Degree College, Hyderabad

August 2024 - June 2025

- Spearheaded the planning and execution of 10 community service projects, ranging from environmental clean-ups, old age home visits, Eco-friendly activities, benefiting over 50 individuals.
- Assisted the President in club operations, including strategic planning, goal setting, and forecasting a positive club environment.
- Represented the club at inter-club meetings and district conferences.

## **AWARDS/CERTIFICATIONS**

- Winner - computer Science Quiz 2023
- Research using Data Analysis - 2023
- Winner - Eco-friendly competition 2023
- Web Development Bootcamp: Udemy - 2024
- Data science Workshop: Innomatics Research Labs - 2024
- SAWIT.AI Learnathon: GUVI - 2024
- Data Analytics Job simulation - 2025
- Power BI workshop - 2025