

Rupa Samala

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Summary

Enthusiastic and detail-oriented 4th-year B.Tech AIML student at Sreenidhi Institute of Science and Technology with strong interests in fullstack web development and AI-powered solutions. Passionate about building intelligent systems and interactive websites with clean UX and responsive design.

Education

Institution	Board / Specialization	Score	Duration
Sreenidhi Institute of Science and Technology	B.Tech in AI & ML	CGPA: 9.78	2022–Present
Sri Chaitanya Junior College	TSBIE	97.7%	2020–2022
Ravindra Bharathi School	SSC	CGPA: 10.0	2019–2020

Internships

Full Stack Developer Intern – MarichiVentures

May 2025– Present

Working on building responsive full-stack applications using PHP, MySQL, JavaScript, and React.js. Contributing to the development of scalable UI components and backend logic for production-ready deployment.

Projects

VehicleInfo Portal – Rental and Sales Platform

[VehicleInfo Portal](#)

- Developed a platform for users to rent or list vehicles and receive insurance suggestions.
- Built with PHP, MySQL, HTML/CSS, and JavaScript.

Handmade Goods Marketplace – Artisan-to-Customer Platform

[Artisan](#)

- Enabled artisans to upload and sell handmade products directly to buyers.
- Included category filtering, cart flow, admin dashboard, and dynamic artisan display.

E-Waste Management System – Pickup Booking Platform

[E-Waste](#)

- Created an e-waste pickup site with booking, status tracking, and a collector dashboard.

Movie Recommendation System – Content-Based Filtering

[Movie Recommendation](#)

- Developed a movie recommender using Python and cosine similarity on metadata with Scikit-learn.

SecureVolt – Secure File & Note Platform

[SecureVolt](#)

- Built a secure React.js web app with Tailwind CSS and Framer Motion.
- Implemented key-based authentication and encrypted file/note storage using PHP APIs.

Publications

Data to Watts–Navigating the Energy Revolution with AI

[DOI Link](#)

April 2025

Co-authored a book chapter published in *Integrating Artificial Intelligence Into the Energy Sector*, IGI Global Publications.

Skills

Programming Languages: C, Java, Python

Web Development: HTML, CSS, JavaScript, TailwindCSS, Bootstrap, PHP, React

Core Competencies: DSA, Problem-Solving

Machine Learning: Supervised and Unsupervised Learning, CNN, Scikit-learn, Pandas, NumPy, Matplotlib

Soft Skills: Critical Thinking, Communication, Time Management, Adaptability

Languages

English, Telugu, Hindi

Extra-Curricular Activities

Volunteer, NSS Club

2023–Present

Contributed to community service initiatives, awareness drives, and campus volunteering events.