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: 9.6	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.

HRMS Leave Management System – Role-Based Tracking *HRMS Portal ↗*
- Developed a role-based HRMS portal for applying, tracking, and managing employee leave requests.
- Implemented approval workflows and dashboards to improve leave visibility and administrative efficiency.

Hybrid Sales Forecasting System *Sales Prediction ↗*
- Developed a hybrid sales forecasting system to predict weekly product sales using machine learning techniques.
- Improved forecast reliability through ensemble modeling and deployed the solution with a scalable backend and dashboard.

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
Web Development: HTML, CSS, JavaScript, Bootstrap, PHP, React
Core Competencies: DSA, Problem-Solving
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.