Kunchala Surya Kiran

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Summary

Student Management App: Developed a responsive student management CRUD web application using HTML, CSS, and vanilla JavaScript, featuring add, edit, and delete operations with dynamic table rendering and local Storage persistence.

Weather Dashboard: Created an interactive weather app with OpenWeatherMap API integration, supporting city search, forecasts, unit conversion, recent searches, and dynamic weather-themed UI.

Education

2021 - present	Bachelor's Degree (Computer science) at **SRM University AP**	(CGPA: 6.4/10)
2021	Class 12th Board of intermediate education, AP	(64 percent)
2019	Class 10th Board of secondary education, AP	(86 percent)

Skills

Languages	C, C++, Python, Java, JavaScript
Web Technologies	HTML, CSS
Version Control and Collaboration	Git, Git hub.
Interpersonal Skills	Team Work, Communication
Additional Skills	Microsoft office, Data Structures, Algorithms, Object-Oriented Programming

Projects

Student Management Link to Demo

Developed a responsive student management CRUD web application using HTML, CSS, and vanilla JavaScript, implementing add/edit/delete functionality, dynamic table rendering, form validation, and localStorage-based data persistence for managing student records.

Weather Dashboard Link to Demo

Built an interactive weather application using HTML, CSS, and vanilla JavaScript with OpenWeatherMap API integration, supporting city search, geolocation-based lookup, 5-day forecast, Celsius/Fahrenheit toggle, recent search history via localStorage, and dynamic weather-themed UI/animations for better user experience.

Vehicle and Traffic Sign Detection

Created an object detection system using YOLOv11 to identify vehicles and traffic signs, used Roboflow and Ultralytics for dataset management and model training, and set up real-time predictions on images and videos with visualization using Python tools.

Caesar Cipher Encryptor-Decryptor

Developed a desktop application using Python's Tkinter library to perform Caesar Cipher encryption and decryption. The GUI allows users to input text, select an operation (encryption or decryption), and instantly view the converted result. Implemented core logic for text manipulation using ASCII encoding and modular arithmetic to simulate classical cryptography. Focused on user-friendly interface design with custom fonts, background styling, and icon integration.

Last updated: December 18, 2025