

Polisetty Teja Sairama Sathvik

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SUMMARY

Curious and driven B.Tech student with a passion for turning ideas into impactful tech solutions. Skilled in C, C++, Python, HTML, and SQL, with hands-on experience in building AI-powered web apps. Quick learner, team player, and always ready to take on real-world challenges with creativity and code.

SKILLS

Languages:	C, C++, Python, Java, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks/Technologies:	Flask, Node.js (Learning), React.js (Exploring), Tailwind CSS, Framer Motion.
Tools and Platforms:	Git, GitHub, VS Code, Xcode, Vite, MS Office
Core Skills:	Data Structures and Algorithms (DSA), Problem Solving, Object-Oriented Programming (OOP), Web Development Basics,(Full Stack Developer).

PROJECTS

Library Management System (C++ – OOP, File Handling)

[GitHub Link](#)

Built a console-based system for book issuing and returning using file I/O operations. Implemented features like adding/removing books and maintaining transaction records.

Smart-Resume-Builder-with-AI-Suggestions

[GitHub Link](#)

Built a smart web app using HTML, CSS, and JavaScript that helps users create professional resumes with AI-generated content suggestions. Features include live preview, multiple templates, and PDF download support.

Battleship Blitz Game (C++ – Greedy Algorithm)

[GitHub Link](#)

Designed a turn-based Battleship game with intelligent enemy ship targeting using a greedy algorithm. Strengthened skills in modular programming and arrays by simulating turn-based logic.

Smart Home Automation System (Python, JavaScript)

[GitHub Link](#)

Built a virtual smart home system using Python for voice control and JavaScript for live UI interactions. Enabled voice commands to control virtual appliances with real-time updates.

Online Movie Ticket Booking System (HTML, CSS, JavaScript, SQL)

[GitHub Link](#)

This Online Movie Ticket Booking System manages users, movies, theaters, shows, bookings, seat availability, and payments. It includes views, triggers to prevent overbooking, and stored procedures for retrieving user-specific and show-specific information.

EDUCATION

2023 - 2027	Bachelor's Degree at Computer Science SRM University AP	(7.8 CGPA)
2023	Class 12th Bhashyam Junior College	(87%)
2021	Class 10th Sri Venkateswara balakuteer	(81%)

CERTIFICATIONS

- Introduction to C
- Microsoft Office Specialist (MOS) Certification