Y. GAUTAM SRINIVAS MANIKANTA

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Vizianagaram, Andhra Pradhesh - 535003, India

ABOUT ME

I am a driven and detail-oriented coder with a passion for problem-solving and web development. My goal is to leverage my creativity and technical expertise to contribute to innovative projects in the ever-evolving tech landscape.

EDUCATION

- **Amrita Vishwa Vidyapeetham** *September 2022 - August 2026*
  Bachelor of Technology Chennai, India
  ◦ GPA: 7.94/10.00

- **Sri Chaitanya Junior College** *2020 - 2022*
  Intermediate Education Vijayawada, India
  ◦ Score: 87.4%

- **Sri Chaitanya School** *2020*
  Secondary Education Vijayawada, India
  ◦ GPA: 10/10

PROJECTS

- **Attendance Management System: [Created a GUI app using Python and MongoDB]** *October 2023 - November 2023*
  Libraries: [PyQt5 for GUI, MongoDB] [⭕]
  ◦ Built a GUI app using Python and MongoDB, managing attendance for over 100 students.
  ◦ Reduced manual attendance processing time by 50% with on-screen attendance marking and automated OD (On Duty) attendance for official work.
  ◦ Designed separate portals for students, advisors, faculty, and administrators, improving user experience by 30%.

- **Chat Application with Secure Messaging: [Created a GUI app using Java]** *February 2024 - March 2024*
  Libraries: [Swing for GUI] [⭕]
  ◦ Developed a secure chat application where users can create and join rooms with room-specific passwords, ensuring 100% secure access.
  ◦ Implemented AES encryption to protect messages, preventing unauthorized access and ensuring data integrity.
  ◦ Managed real-time messaging for up to 50 users per room with secure, password-protected access.

- **Weather Forecast Application: [Created a web app using JavaScript, HTML, CSS]** *October 2023 - November 2023*
  Technologies: [JavaScript, HTML, CSS, ReactJS] [⭕]
  ◦ Created a web application that provides weather details for over 200 global locations with a response time of under 2 seconds.
  ◦ Enhanced user engagement by 40% through dynamic background changes based on weather conditions.
  ◦ Implemented a "Find My Location" feature, reducing manual input by 70% and improving user convenience.

SKILLS

- **Programming Languages:** C, C++, Python
- **Web Technologies:** HTML,CSS,Java Script,ReactJS
- **Database Systems:** MySql

ACHIEVEMENTS

- 1st position in Forensic Investigation Challenge in Tantrotsav - National Level Tech Fest -2023
- 2nd position in Forensic Investigation Challenge in Amrita Cyber Nation -2023