

KOMMALAPATI SRIJA

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Professional Summary

Results-driven Software Engineer with a strong focus on frontend development, AI integration, and data analysis. Proficient in designing and delivering responsive, user-friendly web applications while leveraging expertise in modern JavaScript frameworks like React and seamless API integration. Demonstrated ability to lead and collaborate on complex projects, with a proven track record of innovative problem-solving and national-level hackathon achievements.

Education

- **B.Tech in Computer Science**, B.V. Raju Institute Of Technology (2021 – 2025)

CGPA: 7.33

Relevant Courses: Data Structures, Artificial Intelligence, Machine Learning, Web Development

- **Senior Secondary (XII)**, Sri Chaitanya Junior College (2021)

Percentage: 90.02

- **Secondary (X)**, Geetha High School (2019)

CGPA: 9.50/10

Certifications

- Introduction to Entity Relationship (ER) Modeling – Completed on August 20, 2024
- Multidimensional Data Modeling – Completed on August 19, 2024

Technical Skills

- **Programming Languages:** Python, Java, JavaScript
- **Web Development:** React, HTML5, CSS3
- **Tools:** Git, Visual Studio Code, Postman
- **Database Management:** MySQL, MongoDB
- **Soft Skills:** Effective communication, team collaboration, leadership, problem-solving

Projects

- **AI-Based Train Tracking System** (Mar 2024 – Present):

Developed a real-time train monitoring system to reduce accidents. Utilized machine learning algorithms to predict potential collisions with 85% accuracy and alert control centers in real-time.

Tools/Technologies: Python, TensorFlow, REST APIs.

- **React App for Word to PDF Conversion:**

Built a React application integrating a Python backend for document conversion. Designed an intuitive user interface for file uploads, conversions, and downloads.

Tools/Technologies: React, Flask, HTML, CSS.

- **Promethean College Fest Website** (Dec 2023 – Dec 2024):

Designed an interactive website with event registration and scheduling features. Achieved 20% higher participant engagement compared to previous years.

Tools/Technologies: HTML, CSS, JavaScript.

- **Personal Portfolio Website** (Feb 2024):

Developed a portfolio to showcase projects and skills.

Tools/Technologies: React, Node.js, GitHub Pages.

Achievements

- **2nd Runner-Up, All India TAPES Hackathon (2024):** Recognized for developing a tool that reduced manual task time by 30%.

- **Runner-Up, Inter-college Sports Tournament in Kabaddi (2024):** Demonstrated strategic thinking and teamwork.

Leadership

Extracurricular Activities

- **School People's Leader:** Led school initiatives and organized events, showcasing early leadership skills.

- **Event Organizing Team Member for Promethean:** Successfully coordinated logistics, leading to a 20% higher turnout.

Languages

- Telugu (Native)
- Hindi (Fluent)
- English (Fluent)
- Tamil (Intermediate)