

Pulipati Vijaya Simha

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Career Objective

Aspiring **Full-stack Web Developer** with hands-on experience building scalable web applications using the **MERN** stack. Skilled in **REST API development** and **Agile software development practices**. Seeking a **software engineering role** to contribute technical skills and grow within a dynamic team.

Education

Malla Reddy Engineering College, Hyderabad
B.Tech in Computer Science and Engineering

2021 – 2025
CGPA: 9.01

Technical Skills

- Programming Languages: Python, JavaScript
- Frontend Technologies: React.js, HTML, CSS, JavaScript
- Backend Technologies: Node.js, Express.js
- Database Management: MySQL, MongoDB
- Web Development: Full-stack (MERN), REST API Development, Responsive UI
- Version Control: Git, GitHub
- Development Tools: VS Code
- Key Concepts: SDLC, Agile, OAuth2, JWT, Version Control, Passport JS
- Other Skills: API Integration

Projects

Employee Management System

[GitHub]

- Developed a full-stack application for managing and assigning tasks to employees with real-time monitoring.
- Features separate dashboards for admins and employees, providing role-based access and task management.
- Implemented functionality to update task status, track deadlines, and manage multiple users.
- Built responsive UI using **React** and optimized backend communication with **Express APIs**.
- Tech Stack: **React.js, Express.js, Node.js, MongoDB**

Chatbot Application

[GitHub]

- Developed an AI-powered chatbot with an intuitive UI, simulating chat experiences similar to WhatsApp and Instagram.
- Integrated **Together AI's Free Meta model** to generate dynamic responses for user queries in real-time.
- Implemented error handling: if the backend server is down, the frontend displays a fallback message while remaining functional.
- Designed a seamless recovery mechanism, restoring chatbot responses once the server is online.
- Tech Stack: **React.js, Express.js, Together AI API**

Simple Social Media Fullstack App

[GitHub]

- Built a fullstack social media platform with features like user registration, login, post viewing, commenting, and user interaction.
- Used **Passport.js** for session-based authentication and implemented login/logout functionality securely.
- Backend built with **Express.js** and **MySQL** to handle user data, posts, comments, and follow/unfollow logic.
- Emphasized error handling, route protection, and dynamic rendering via React frontend.
- Tech Stack: **React.js, Express.js, Node.js, MySQL, Passport.js**

The Academic Resource Hub

[GitHub]

- Built a platform that provides easy access to academic resources, allowing students to download study materials and notes.
- Integrated **Google Drive API** for seamless content retrieval and managed uploads with role-based access control.
- Designed a student-friendly interface ensuring easy navigation and accessibility for all academic levels.
- Focused on improving efficiency in material distribution and security of uploaded files.
- Tech Stack: **Express.js, Node.js, Google Drive, MongoDB**

Certifications

- Python Programming - Guvi
- JavaScript Skills Certification - HackerRank
- Microsoft Azure Fundamentals - Microsoft

Achievements

- Ranked in the top 5 of class consistently across all semesters.
- Actively participated in technical fests, coding events, and sports competitions.