

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.