

DHEERAJ YERRA

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Education

Bachelor of Technology	2021–2025
Gayatri Vidya Parishad College of Engineering(A)	CGPA: 8.64
Class XII	2019–2021
Sri Vamsi Krishna Junior College	Percentage: 95
Class X	2018–2019
SMT Godavari Devi Saraf High School	Percentage: 87

Certification Courses

• Data Structures and Algorithms	Udemy
• Database Management System	NPTEL
• FullStack Web Development	Udemy

Projects

Chatbot

- Developed an interactive chatbot with gemma2:2b and phi3 open source LLM models.
- Created specific API endpoints using Express.js that the frontend could call to send user queries to the respective models. These endpoints were designed to handle post requests, ensuring secure and efficient data transmission.
- Enabled chat history and capability to switch between multiple LLM models.
- Built using HTML, CSS, Javascript for frontend and used Express.js for backend.

Vendor Management System

- Designed to make dynamic addition and management of firms and products by vendors.
- Implemented a backend interface through a vendor dashboard where vendor will be able to manage (add,delete) the firms and products dynamically.
- Utilized MERN stack (MongoDB, Express.js, React.js, Node.js) to deliver a responsive system.

TwitterClone

- Developed a social media platform enabling users to create, like and comment on posts.
- Implemented authentication, user follow/unfollow and profile editing functionalities.
- Integrated a real-time notifications for likes and follows.
- Designed a suggested users feature to enhance user engagement.
- Utilized MERN stack (MongoDB, Express.js, React.js, Node.js) to deliver a responsive system.

ChatApplication

- Built a real-time chat platform with Socket.io for instant messaging.
- Implemented user authentication and online/offline status tracking.
- Designed a potential chats feature for logged-in users who haven't started a conversation.
- Utilized MERN stack with Socket.io to ensure a smooth user experience.

PortfolioDesign

- Developed to present my skills, contact information, Github profile, Linkedin profile and resume.
- Designed a user friendly and responsive layout with smooth navigation and performance across all devices.
- Utilized React.js and Tailwind CSS to develop a visually appealing interface.

Technical Skills

Programming Language : Java
Web development : HTML, CSS, Javascript, React.js, Node.js, Express.js, MongoDB
Database Query Language : SQL

Strengths

- Strong team player
- Ability to handle pressure
- Time management