

# Peddi Charan

## MERN STACK DEVELOPER

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🌐 Charan Peddi 🐙 Github-Charan

📍 Warangal,India 🔗 Portfolio

### 👤 PROFILE

I am a Recent CSE graduate with excellent web development foundation, with specialization in developing responsive and user-centric web applications. I am interested in ongoing learning and professional development and am looking forward to putting my skills into practice on challenging and innovative projects that create substantial impact

### 🎓 EDUCATION

**B-TECH, MAHATMA GANDHI UNIVERSITY** 🔗

12/2020 – 04/2024 | Nalgonda, India

CGPA : 6.85

### 🧠 SKILLS

**Frontend Technologies** — Html5,CSS3,Javascript

**Frameworks & Libraries** — Bootstrap,Material UI & Daisy UI ,React.JS,Express.JS,Socket.io

**Backend Technologies** — Node.js,MongoDB

**Tools & Platforms** — GitHub & Git, VSCode, Postman, Render &Vercel, Cloudinary

### 🌐 LANGUAGES

- English
- Telugu
- Hindi

### 📜 CERTIFICATES

- Full Stack With MERN 🔗
- NASSCOM Certificate 🔗

### 🧠 PROJECTS

#### Image Search Application 🔗

JavaScript | API Integration | Bootstrap

- Built an **image search app** with dynamic **API integration**.
- Added **favorites feature** with local storage for user-specific galleries.
- Implemented popup **login/signup** for restricted access.
- Designed a **responsive UI** with **Bootstrap**.
- Included a **like button** with toggle functionality.
- Deployed for real-world use.

#### Real-Time Chat Application 🔗

MERN Stack|WebSockets|Socket.io

- Developed a **real-time chat application** that supports **one-on-one messaging**, providing users with a seamless and interactive communication experience.
- Built the application using **React, Node.js, Express.js, MongoDB, and Socket.io**, ensuring efficient message delivery and instant updates.
- Implemented **WebSockets (Socket.io)** for real-time bidirectional communication, enabling features like **live chat and online/offline status tracking**.
- Integrated **JWT authentication** for secure user login and **MongoDB** to store user and chat history.
- Designed an intuitive and responsive **UI with Tailwind CSS and Daisy UI**, ensuring a modern user experience.
- Enabled **media sharing (images, files) using Cloudinary**.
- Hosted the application on **Render** for easy access and performance.

#### Quiz Application 🔗

MERN Stack|WebSockets|Socket.io

- Developed a full-stack **Quiz Application** with separate **teacher and student interfaces** for role-based access.
- Designed a **responsive and interactive UI** using **Tailwind CSS** for an enhanced user experience.
- Implemented **JWT authentication** to ensure secure login/signup and access control.
- Teachers can **create, edit, and delete quizzes**, while students can **attempt quizzes and view scores**.
- Integrated **real-time score tracking** and a **timer-based quiz system** for accuracy.
- Used **MongoDB** to manage user roles, quizzes, and student performance data.
- Built a **RESTful API** with **Node.js and Express.js** for efficient backend operations.
- Deployed the application for public access using **Render**.