

# Metta Umamaheshwar Rao

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## EDUCATION

**Nit Kurukshetra**

*B-Tech Information Technology*

**Nov 2022 – Present**

*Kurukshetra*

## EXPERIENCE

**Front-End Developer**

*ICMAMC MNIT Jaipur*

**Nov 2023 - Dec 2023**

*Jaipur, India*

- Developed a highly responsive invitation website for a mathematic event ICMAMC using React and Tailwind CSS.
- Utilized Tailwind CSS to ensure a responsive and visually appealing design across various devices.
- Implemented SEO strategies to optimize the website for search engines, enhancing its visibility and accessibility.
- ICMAMC - MNIT Jaipur

**Full-Stack Developer**

*ServiceExpress*

**Mar 2024 – Present**

*Punjab, India*

- Created a website for Service Express, managing their services in a Supabase database.
- Established payment systems, ensuring secure and efficient transactions.
- Utilized the MERN stack (MongoDB, Express.js, React, Node.js) for the development process.
- ServiceExpress

## PROJECTS

**Classroom of Elite** | *MERN Stack, Next.js, Supabase, Hugging Face APIs*

**March 2024**

- Developed a modern classroom application on mobile using Next.js and the MERN stack.
- Implemented gamification features where students receive XP based on their activity within the app.
- Integrated APIs from OpenAI and Hugging Face for AI-powered doubt solving capabilities.
- Utilized machine learning models to detect instances of bullying for inbuilt chat feature and plagiarism within student work.

**Hop Shop** | *Next.js, Supabase*

**June 2024**

- Developed an e-commerce store using Next.js and Supabase.
- Implemented modern UI components for enhanced user experience.
- Designed a clean and efficient database structure.
- Ensured responsiveness across various devices for optimal usability.

**Secret Connect** | *WebRTC, LiveKit, Shadcn UI*

**July 2024**

- Developed a social app for random user connections via chat and video chat using WebRTC.
- Integrated LiveKit libraries for real-time communication components.
- Utilized Shadcn UI components for building the website interface.
- Implemented a real-time database for connecting users, overcoming challenges in establishing real-time communication.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript

**Frameworks:** MERN Stack, Django, Next-JS

**Developer Tools:** Git, Docker, AWS

**Libraries:** Tensorflow, Keras