HARSHA VARDHAN GULLA

✉ harshavardhan.gulla2003@gmail.com 📞 8978735015 in LinkedIn ⃝ Github 🔗 Portfolio

EDUCATION

BTech Information Technology, *Anits*   2020 – 2024 | Visakhapatnam, India
CGPA: 8.5/10
Activities : Member @ Innovation Club, ANITS

SKILLS AND EXPERTISE

Languages: Java, Python, Javascript, TypeScript
Technologies: Object Oriented Programming, Data Structures, Html, Tailwind, CSS, React, Express, Node js, Redux, RESTful Apis
Databases: SQL, MongoDB
Platforms/Tools: Git, Android Studio, Vscode

PROJECTS

Innov8mate
- Spearheaded the development of **Innov8mate**, a **MERN**-based project fostering **collaboration among users**, offering **support for unique ideas**, and facilitating **project collaborations**.
- Leveraged MERN stack and Tailwind CSS to create a dynamic and responsive platform where multiple users can work together on projects, from conception to completion.
- Employed Postman for comprehensive API testing, ensuring seamless integration and robust functionality.

Youtube Clone
- Implemented **debouncing** in the search functionality to **reduce API calls**, setting a **200ms threshold for enhanced performance**, akin to systems used by platforms like YouTube and Amazon.
- Developed a caching system using Redux to **minimize redundant API requests**, storing search results efficiently for improved application responsiveness.
- Engineered a recursive component architecture for displaying **n-level nested comments**, focusing on scalability and user engagement in dynamic discussion threads.
- Integrated real-time live chat functionality using **API polling every 2 seconds**, ensuring timely communication among users, boosting the app's interactivity and user engagement.

GoFood
- a dynamic React website powered by **Redux and Redux Toolkit** for streamlined state management. Designed an intuitive UI with **Tailwind CSS**, enhancing user experience while implementing **lazy loading and chunking** via **Parcel** for efficient **page bundling.**
- Integrated **RESTful APIs** to seamlessly fetch restaurant data, optimizing cart functionality for an intuitive shopping experience.
- Leveraged **createBrowserRouter for efficient routin**g and single-page application architecture, ensuring swift loading times and enhanced user engagement.

Netflix-Gpt
- Developed a **React** web application using **Create React App**, integrating **Tailwind CSS** for sleek and responsive UI design.
- Implemented **user authentication with Firebase Auth**, offering various authentication methods for secure user sign-up and login processes.
- Configured **Redux store for state management**, leveraging userSlice dispatchers to dynamically display user information such as username and profile. **Integrated OpenAI for Movie recommendations** as per user prompt.

ACHIEVEMENTS AND CERTIFICATIONS

- completed Full stack development course from **Wipro**.
- Elite certificate from **NPTEL for DSA** In Java
- Solved 600+ DSA problems from leetcode.

STRENGTHS AND HOBBIES

Strengths: Strong team player, project management skills, Problem-solving skills, self-confidence, critical thinking, and leadership skills.
Hobbies: Traveling and exploring new cultures, Listening to Music, Playing chess, and Exploring more startup articles.