HarshaVardhan Gulla

ANITS | Information Technology

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WORK HISTORY

web developer | Bharat Intern [April 2022 - *August* 2022]

- Developed a few tasks and projects with the basic skills of HTML, CSS and JS.
- Tasks like Clone of websites such as **netflix, Temperature converter .**

EDUCATION

ANITS | BTech INFORMATION TECHNOLOGY [Dec 2020 - April 2024]

- 8.5 / 10 CGPA
- Activities: Coordinator @ CodeClub, ANITS

ACHIEVEMENTS AND CERTIFICATIONS

- Secured an **state rank of 9378** out of approximately **2.5 lakh (250,000)** participants in the **Eamcet** (2020) examination.
- Earned **DSA** completion certificte from **Hackerrank**.
- Elite certificate from **NPTEL** for DSA In Java

PROJECTS

🔗**Innov8mate |** [January 2024 - April 2024]

- Spearheaded the development of **Innov8mate**, a **MERN**-based project fostering c**ollaboration 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, enhancing user experience and project efficiency.

🔗**Youtube |** [January 2024 - April 2024]

- 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.

🔗**GoFoodie |** [November 2023 – December 2023]

- 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 routing and single-page application architecture, ensuring swift loading times and enhanced user engagement.

🔗**Netflix - GPT |** [June 2023 – November 2023]

- 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**.

🔗**Weather Website |** [March 2023]

- a dynamic weather website utilizing **real-time weather data through APIs**, providing **accurate forecasts** for multiple locations.
- Designed an intuitive user interface using **HTML, CSS, and JavaScript** for seamless weather information access.
- Implemented robust backend logic to fetch and display weather data, ensuring reliability and user satisfaction.

SKILLS AND EXPERTISE

Skills: React , Express , Node js, MongoDb , Object Oriented Programming , Tailwind , CSS
Languages: Javascript, Java, Html | Basic: C/C++, Python3, Bash, SQL (MySQL)
Platforms/Tools: Git, Android Studio

RELEVANT COURSEWORK

Database Management Systems | Operating Systems | Computer Networks | Computer Organization and Architecture | Java Programming | Data Structures and Algorithms | Probability and Statistics | Machine Learning Foundations and Applications | Discrete Mathematics | Software Engineering | Object Oriented Programming| Cryptography | Deep Learning | Android App development | Natural Language Processing