

SHREYANSH TRIPATHY

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EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology(CSE)

CGPA: 8.17

Jalandhar, IN

Expected July 2024

PROJECTS

DELIVEROO CLONE

- Spearheaded the development of a Deliveroo-style mobile app for iOS and Android, leveraging React Native and Tailwind CSS to create an elegant and user-friendly design.
- Enhanced the user experience by incorporating React Native Heroicons, React Native Navigation, and Redux for efficient data management, resulting in a seamless and engaging platform.
- Seamlessly integrated Sanity CMS for effortless content updates and designed a user-friendly checkout process, delivering a top-notch, technologically advanced food delivery application.

APP BUILDER - A NO-CODE TOOL

- Pioneered app development by introducing user-centric capabilities, including component resizing and fluid integration of local storage, optimizing adaptability and convenience for users.
- Orchestrated the development of an innovative No-Code Application Generator, harnessing React for frontend engineering, Zustand for data orchestration, and refined with Tailwind CSS, showcasing expertise in cutting-edge frontend technologies.
- Engineered an intuitive platform featuring drag-and-drop components, robust property customization, and effortless local storage synchronization, empowering users of varying technical backgrounds to effortlessly craft applications, setting a new benchmark in the No-Code application creation arena.

ONLINE SQL EDITOR

- Developed a cutting-edge Online SQL Editing System using React, seamlessly integrating CodeMirror to create a dynamic and adaptable code manipulation environment.
- Engineered pivotal functionalities, including SQL query execution, advanced search capabilities, intricate data sorting, and seamless CSV data export, thereby elevating data interaction and analytical capabilities.
- Employed advanced performance optimization strategies, encompassing React.memo() optimization, Context API utilization, meticulous useMemo() implementation, and efficient lazy loading mechanisms, ensuring the utmost in application responsiveness and efficiency, demonstrating expertise in frontend development and performance refinement.

ACTIVITIES

OPEN SOURCE CONTRIBUTION

GirlScript Summer Of Code

- As a participant in the GirlScript Summer of Code program, I played an integral role in an open-source project. My contributions were multifaceted and included substantial enhancements to the project's layout, coupled with the introduction of a new extensions category.

30-DAYS VANILLA JS CHALLENGE

Self-Led Learning Journey

- Participated in an intensive 30-Day Vanilla JS Challenge, demonstrating proactive self-directed learning, resulting in significant skill enhancement and a profound mastery of JavaScript...

SKILL SETS

Frontend Development: HTML5, CSS3, JavaScript, TypeScript, SCSS, Tailwind CSS

State Management: Zustand, Redux, React Query

Mobile App Development: React Native

Backend Development: Java, MySQL

Version Control: Git, GitHub