Sachin Kumar Siddhu

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SUMMARY

Recent graduate with hands-on experience in the **MERN** stack, demonstrated through a diverse portfolio of projects. Completed an **internship as a fullstack developer**, showcasing skills in both frontend and backend development.

SKILLS

- **Front-end:** HTML,CSS , Javascript,Tailwind css , Reactjs.
- **Back-end:** Express.js,Socket.io, Mongodb,MYSQL, Node.js.
- **Programming Languages:** C++, Data Structures and Algorithms,Javascript .
- DBMS,Operating System,OOPS.

EXPERIENCE

Fullstack Developer Intern(MERN) — Navodita Infotech   June 2024 - July 2024

- Engineered a real-time chat application by leveraging React, Express, Socket.io, and MongoDB to construct a dynamic communication platform. Architected **RESTful APIs** using **Express.js** to ensure efficient data persistence and retrieval.
- Leveraged **Zustand** for centralized state management, minimizing redundant API requests by 20 percent and increasing user satisfaction by 25 percent.Integrated **custom React hooks** for efficient data retrieval, enhancing code reusability and refining the frontend structure.

PROJECTS

BookNow — Github — **Live**   April 2024 - July 2024

- Architected a MERN stack solution featuring sophisticated **search and filtering** capabilities for accommodations across city, type, and availability, delivering an enhanced user interface. Fortified user data security with **JWT-based authentication** mechanisms.
- Incorporated **Razorpay** in test environment for streamlined and secure payment processing. Achieved a performance boost of up to 20 percent by leveraging React hooks strategically and employing **web optimization** strategies, such as reducing **render-blocking and parser-blocking** assets.

Digital-Notes — Github — **Live**   Aug 2023 - Nov 2023

- Developed a high-performance web solution with the MERN stack, optimizing daily workflows and maximizing user productivity. Integrated durable API endpoints alongside **real-time status tracking** for instant updates and complete task visibility.
- Eliminated **prop drilling by using context api** and reduced component intricacy, contributing to a 20 percent increase in development speed and ease of maintenance. Fortified user accounts with JWT authentication, ensuring strong data protection .

Fitclub — Github— **Live**   Dec 2023 - Jan 2024

- Developed a website using ReactJS ,provides comprehensive information on exercise routines and service plans, resulting in **30 percent increase in new customers**.
- Integrated **EmailJS for real-time notifications** to the owner regarding new customer registrations, helping to manage the gym more efficiently and provide better services to customers.

EDUCATION

Harcourt Butler Technical University, Kanpur, Uttar Pradesh   Enrolled: November 2020 — Ended: May 2024
Bachelor of Technology(IT)   Overall GPA: 7.3 — Major GPA 8.00

ACHIEVEMENTS

Solved 500+ problems on data structure and algorithms.

- Leetcode profile   GFG-profile

Certificates:

- Virtual Experience:Debugged an issue and integrated a new feature, which not only restored the program's proper operation but also expanded its capabilities. **visit**
- Reactjs :Evolved from a ReactJS beginner to an intermediate level, acquired skills in React hooks, including the custom hooks for backend data fetching and became proficient in state management using the Context API, enabling efficient global state handling across components. **visit**