Shashwat Rai

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EDUCATION

Indian Institute of Technology (IIT BHU) , Varanasi June 2024
Bachelor of Technology - Mechanical Engineering CPI : 8.21

G.S Jangid Memorial School, Jodhpur March 2019
Central Board of Secondary Education (Science) Percentage : 81.20%

Our Lady of Pillar Convent School, Jodhpur March 2017
Central Board of Secondary Education CGPA : 9.2

INTERNSHIP

Frontend Developer Intern May 2022 - July 2022
Orpton E-sports Ltd.

- Developed dynamic and responsive web pages using **React.js and CSS**.
- Utilized **Redux.js** for state management to efficiently manage and share data across components.
- Enhanced the app performance through the application of lazy loading and code splitting
- Integrated **RESTful APIs** into the React.js frontend, utilizing **Axios** to fetch and display real-time data.

PROJECTS

Expensor - The Expense Tracker
Project Link: `https://github.com/shashwatRai23/Expensor-Full-Stack-`

- Developed a comprehensive full-stack expense-tracking web application using the **Next.js** framework
- Implemented secure user authentication using **Next-auth**.
- Integrated **Chart.js** to create dynamic and interactive visualizations for expense data, enabling users to compare and analyze their spending patterns on a monthly and daily basis.
- Utilized **MongoDB** as the database for efficient data storage and integrated it with the application using **Mongoose**.
- Implemented a clean and responsive user interface by leveraging **Tailwind CSS**.

Code Pair - Real-Time Code Editor
Project Link: `https://github.com/shashwatRai23/Code_Pair`

- Developed a **real-time code collaboration** web application using **React.js** and implemented client-side routing using react-router-dom. It uses Socket.IO to establish bidirectional communication between the client and server.
- Integrated third-party libraries to create a user-friendly interface with a modern design like **user avatars, toast notifications, syntax highlighting and auto-closing brackets**.Server-side logic is handled by Express.js.
- **Exposure**: react-hot-toast, codemirror, uuid, react-avatar

Chrome Extension Project: Upcoming Contests
Project Link: `https://github.com/shashwatRai23/Chrome-Extension`

- Developed a **Chrome extension** for displaying upcoming contests and hackathons from various coding platforms.
- Implemented fetching data from the **Kontests API** to retrieve contest info. Dynamically **sorted and filtered** it to display only upcoming contests. Converted the start time of each contest to the **local time zone** (Asia/Kolkata).

SKILLS

Languages and Tools : C++, HTML, CSS, Javascript, React.js, Redux.js, Next.js, MongoDB, Mongoose
Area of Interests: DS and Algo, Operating System, Competitive Programming, Web Development

HONOURS AND ACHIEVEMENTS

- Rated **1446(Specialist)** at **codeforces** (`https://codeforces.com/profile/Master_Ultra_extinct`).
- Secured an All India Rank of **244** in **Codekaze Sep'23**
- Secured a Global Rank of **1394** in **Meta Hackercup 2023, Round 2**
- Secured a Global Rank of **1528** in **Codeforces round 890(Div. 2)** among **15k+ participants**
- Secured an All India Rank of **4793** in **JEE Advanced 2020** among **1lakh+ participants**

EXTRA-CURRICULAR ACTIVITIES

- Active member of **Badminton Team** that represented IIT BHU in **Spardha Sports Fest 2021** .
- Bagged **Silver** in Football and Badminton in **General Championship 2023(IIT BHU)** .