Sadanand Jaiswal

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Education

Indian Institute of Information Technology	Jabalpur India
B.Tech in Computer Science & Engineering	December 2021 – April 2025 (Expected)

Technical Skills

- **Languages:** C++, JavaScript, TypeScript, HTML, CSS
- **Frameworks:** ReactJS, NodeJS, ExpressJS
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Visual Studio Code

Experience

IIITDMJ's Fusion Portal — May 2022 – June 2022
Full Stack | Django, PostGRES SQL — Remote

- Integrated 4 new APIs to Respond to the Complaints more Efficiently.
- Added "Section In-charge" to address up to 100% of complaints previously unresolved by the caretaker, ensuring a responsive approach to resident concerns.

Projects

CardioCare | React, ExpressJS, NodeJS, MongoDB, Nylas APIs — May 2022

- Utilizing machine learning algorithms, the system analyzes 10-15 user data points to predict potential heart issues and generates comprehensive reports for analysis.
- Upon detection of any potential heart issues, the system offers users a curated list of 10+ specialized doctors and facilitates seamless appointment scheduling via the Nylas Schedule API, ensuring swift access to high-quality healthcare services.

Social Media App | React, ExpressJS, NodeJS, MongoDB — May 2022

- Developed a social media app capable of facilitating the creation and sharing of diverse content types, resulting in over 10,000 posts shared monthly by active users.
- Designed a user-friendly interface that stimulates active participation by enabling seamless post sharing and interaction, resulting in a 20% increase in user engagement metrics and fostering stronger community connectivity and overall user experience.

E-Commerce Website | React, ExpressJS, NodeJS, MongoDB, Redux — November 2021

- Engineered an engaging e-commerce website, showcasing product information such as images, descriptions, ratings, and prices.
- Features a search bar, filters, sorting options, and pagination for efficient product discovery.
- Leveraged the power of Redux to streamline state management, resulting in a notable 20 percent improvement in performance, scalability, and overall application responsiveness.

IIITDMJ's Cake Company | HTML, CSS, JavaScript, Bootstrap, PHP, MySQL — November 2021

- An online cake delivery portal, offering a diverse selection of over 100 premium celebration cakes and cupcakes.
- Implemented a user-friendly cart system for efficient item selection and management, alongside an organized order list tracking over 100 completed and pending orders.

Weather App | ReactJS — November 2021

- A Weather application that provides real-time weather information for over 10,000 cities worldwide.
- Utilizes an API to fetch accurate weather data based on the user's search input.
- Features an intuitive user interface, displaying essential weather details such as temperature, humidity, wind speed, and forecast.

Achievements

- Achieved a top 5% ranking in Hackathon on Devfolio