

Yash Nehra

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Education

B.K. Birla Institute of Engineering and Technology, Pilani

July 2021 – Present

B.Tech in Computer Science and Engineering (4 years)

- Consistent academic performance with a strong emphasis on practical learning and foundational skills.
- Completed coursework on **Data Structures, Algorithms, Database Management Systems, and Operating Systems.**

Projects

To-Do List with React.js

Nov/2023 – Dec/2023

Technologies: React.js, JavaScript, HTML, CSS

- Created a simple To-Do List app to manage tasks like adding, editing, and deleting items.
- Used **local storage** to save tasks so they remain after refreshing the page.
- Styled the app using **CSS** for a clean and responsive layout.
- Learned and applied the concept of React component-based architecture for modular code.
- Enhanced the app with dynamic task filtering options to view completed or pending tasks.
- Applied **JavaScript ES6+** features like arrow functions and destructuring for cleaner code.
- Focused on debugging and troubleshooting common issues while integrating the **React.js** workflow.

Bridging Gaps for Rural Farmers

Nov/2021 – Dec/2021

Technologies: MERN Stack, Node.js, MongoDB

- Developed a basic platform where farmers could list their products for direct sales to buyers.
- Set up **MongoDB** to store user and product data securely and efficiently.
- Designed and implemented a user-friendly front-end interface using **React.js**.
- Utilized **Node.js** and **Express.js** for setting up back-end APIs to handle CRUD operations.
- Introduced a basic order management system to track product purchases.
- Explored API testing using Postman to verify data exchange between client and server.
- Focused on optimizing the platform for scalability by modularizing the codebase.

Skills

- **Languages:** C, C++, Python, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, MySQL, Shell Scripting.
- **Technologies:** React.js, Next.js, MERN Stack, Node.js, Express.js, Git, MongoDB, Linux.
- **Version Control:** Expertise with Git for collaborative code management and version tracking.

Achievements

- **Python Complete Course for Beginners** – (2022)
- **Diploma in Computer Applications (DCA)** – National Institute of Electronics and Information Technology (NIELIT).