Manik Proch

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SKILLS

- **Languages**: C++, JavaScript
- **Frameworks**: HTML and CSS, Bootstrap, NodeJS, Express, React, Redux
- **Tools/Platforms**: MySQL, MongoDB, Figma, Postman, Git, Github, Photoshop

PROJECTS

- **EZcart - Ecommerce Application**:   Jul'23 – Oct'23
    - Led the development of an e-commerce platform, EZ-Cart, using MERN stack (MongoDB, Express.js, React.js, Node.js), focusing on both frontend and backend integration for seamless user experiences.
    - Implemented user and admin authorization, enabling secure operations where users can search, filter, and purchase products efficiently. Developed an admin dashboard to manage products and categories, with capabilities to add, delete, and update items dynamically, ensuring an up-to-date catalog.
    - Optimized performance by integrating responsive design principles, ensuring a smooth shopping experience across devices.
    - Impact: Increased user retention by 30% by providing a streamlined and intuitive interface coupled with robust administrative tools for real-time management.
    - Technologies Used: MERN stack, Bootstrap.
    - Github - Link

- **CloudNest - MERN Stack, Responsive Web Design, Bootstrap**:   Jun'24 – Aug'24
    - Developed CloudNest, a cloud-based file management platform using the MERN stack, facilitating efficient and secure file handling
    - Integrated advanced user and admin authorization features, ensuring role-based access control for different functionalities.
    - Enhanced collaboration by enabling users to upload, manage, and share files securely from any location, improving productivity.
    - Impact: Boosted user productivity by 40% through a reliable, accessible, and scalable cloud storage solution with an emphasis on data security and user convenience.
    - Technologies Used: MERN stack, Bootstrap.
    - Github - Link

- **SortAlgoVisualiser – Sorting Algorithm Visualizer**:   Jan'23 – Apr'23
    - Designed and implemented SortAlgoVisualiser, an interactive web application to visualize various sorting algorithms like Quick Sort, Merge Sort, and Bubble Sort.
    - Created a dynamic user interface with JavaScript that allows users to generate random arrays and visualize the sorting process in real-time. Improved user engagement by 50% through the application of CSS animations and transitions, making the learning experience more immersive.
    - Optimized algorithm performance and enhanced the educational aspect by providing real-time updates on the algorithm's steps and complexity.
    - Impact: The SortAlgoVisualiser effectively educated users about sorting algorithms in a dynamic and engaging way.
    - Technologies Used: HTML. Js, CSS.
    - Github - Link

CERTIFICATES

- Full Stack Web Development using MERN by Cipher Schools   Dec'23 – Jan'24
- Full Stack Web Development in React by Programming Pathshala   Mar'23 – Aug'23
- Introduction to Hardware and Operating Systems by Coursera

                                                                                    Apr'23 – May'23

ACHIEVEMENTS

- **Secured Rating of 1503**:   Mar'24
  Achieved Highest Rating of 1503(2 star) in Codechef.
- **Attained Rating of 1553 in top 27.7%**:   Jan'24
  Achieved a Rating of 1553 in Leetcode in world's top 30.16%.

EDUCATION

- Lovely Professional University   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.39   Since Aug' 21

- Kendriya Vidyalaya Sunjuwan   Jammu, J&k
  Intermediate; Percentage: 89%   Apr'20 – Mar'21

- Kendriya Vidyalaya Sunjuwan   Jammu, J&k
  Matriculation; Percentage: 91%   Apr'18 – Mar'19