MANMAY RAWAL

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SUMMARY

With experience in **web development**, I am skilled in **HTML, CSS, JavaScript**, and the **MERN stack** (MongoDB, Express.js, React.js, Node.js) for building responsive websites and full-stack applications. Recently, I developed an **e-commerce website** using the MERN stack, which included features like **product browsing, shopping cart functionality**, and **secure user authentication**. I am committed to **continuous learning** and am excited to expand my skills and grow further as a developer.

PROJECTS

E-Commerce Website (Shopy-Shop) Full Stack MERN Project   *November 2024*

- **Full-Stack Development**: Created a comprehensive e-commerce website featuring product browsing, a shopping cart, and secure user authentication.
- **Frontend**: Utilized **React** to build a dynamic and responsive user interface, ensuring an engaging experience across all devices.
- **Backend**: Developed the server-side with **Node.js** and **Express.js**, implementing Restful APIs to manage business logic and data flow.
- **Database & Authentication**: Employed **MongoDB Atlas** for scalable, cloud-based data storage and integrated **JWT (JSON Web Tokens)** for secure user authentication and authorization.
- **User Experience & Security**: Focused on delivering a seamless, mobile-friendly design with robust security measures to protect user information and ensure efficient performance.
- *Technologies Used: React.js, Node.js, MongoDB, Express.js*

Employee-List   October 2024

- **Employee Management Application**: Developed an application for streamlined employee data management, featuring a user-friendly interface to easily add and delete employee records.
- **Simple and Intuitive UI**: Designed a clean, **responsive layout** to facilitate quick data entry and record management, ensuring easy to use for all users.
- **Add and Delete Functions**: Implemented functionality to add new employees and remove existing ones, making it straight forward for administrators to keep the employee list current.
- **Auto-Generated IDs**: Configured the application to automatically generate unique employee IDs, reducing manual entry and minimizing errors.
- **Data Consistency**: Focused on maintaining accurate employee records by ensuring data consistency and preventing accidental duplication or deletion.
- *Technologies Used: HTML5, CSS3, JavaScript*

Weather App [Project Link]   *October 2024*

- **Real-Time Weather Application**: Developed an application that provides live weather updates, displaying current weather conditions based on user-specified locations.
- **API Integration for Live Data**: Integrated a reliable weather **API** to fetch **real-time data** using **restful API method,** ensuring up-to-date temperature, humidity, wind speed, and other weather details.
- **Responsive Design**: Created a fully responsive interface, delivering a consistent experience across various devices, including smartphones, tablets, and desktops with the help of **bootstrap**.
- **User-Friendly Interface**: Designed an intuitive layout with clear icons and visualizations, making it easy for users to view and understand weather information.
- **Error Handling**: Implemented error-handling mechanisms to manage potential connectivity issues, ensuring users receive relevant notifications if data is unavailable.
- *Technologies Used: HTML, CSS, JavaScript, API integration*

SKILLS

- **Frontend Technologies:** HTML, CSS, JavaScript, React.js, Bootstrap, Responsive Design, ReactHooks.

- **Backend and Database Technologies**: Node.js, Express.js, MongoDB, Mongoose, MongodbAtlas, SQL/NoSQL.

- **Version Control**: Git, GitHub.

- **Other**: Object-Oriented Programming (OOP), Data Structures and Algorithms.

- **Tools**: VS code, Postman, Restfull API, GitHub Actions.

EDUCATION

National Institute of Science & Technology (NIST)   **September 2021 – May 2024**
Bachelor of Technology (B.Tech) in Civil Engineering (CGPA of 7.1)   *Odisha, Berhampur*

Rungta College of Engineering & Technology (RCET)   **August 2016 – May 2019**
Diploma in Civil Engineering (CGPA of 6.6)   *Raipur, Chhattisgarh*

ACHIEVEMENTS

- Solved more than **500+ problems** across various platforms.
- Represented College in the inter-college volleyball tournament.
- Won the 500-meter race during school, demonstrating strong athletic ability.

PROFILE LINKS

- LinkedIn
- GitHub