SONU SINGH

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Summary

Passionate full-stack developer skilled in JavaScript, React, and Node.js. Experienced in building scalable applications with secure authentication, efficient database management, and responsive design. Excited to learn and contribute to a dynamic development team.

PROJECTS

E-commerce ↗ | HTML, CSS, JavaScript, Tailwind, Reactjs, Node.js, MongoDB　　**Dec 2024**

- User Authentication and Authorization: Implemented secure user registration, login, and role-based access control using JWT (JSON Web Tokens).
- Responsive Design: Ensured the website is fully responsive, providing an optimal viewing experience across various devices.
- Admin Dashboard: Developed an admin dashboard for managing products, orders, and users, with detailed analytics and reports.
- RESTful APIs: Built RESTful APIs using Node.js and Express.js to handle database operations efficiently.
- Middleware: Utilized in Express.js for JWT validation and securing protected routes.
- Shopping Cart Checkout: Developed an intuitive shopping cart and checkout process with real-time updates.
- Search Filtering: Implemented efficient product search, filtering, and sorting for a better user experience.
- Best Practices: Applied data validation, password hashing (bcrypt), and protection against SQL Injection XSS.

Todo List With JWT Authentication ↗ | Reactjs, Nodejs, MongoDB, Tailwind　　**Oct 2024**

- User Registration: Implemented a user registration system with form validation, password hashing, and secure data storage.
- Login and Logout: Developed a login page with JWT (JSON Web Token) authentication for secure user sessions. Added a logout feature to safely terminate sessions.
- CRUD Operations: Implemented full CRUD (Create, Read, Update, Delete) functionality using RESTful APIs for seamless data manipulation.
- Frontend Integration: Integrated APIs with a dynamic frontend, ensuring smooth user experience and real-time updates using technologies like React.
- Authentication Authorization: Used middleware for secure route protection, ensuring only authorized users can access specific resources.

SKILLS

- HTML
- CSS
- JavaScript
- Reactjs
- Nodejs
- MongoDB
- Tailwind
- GitHub

Education

National Institute of Open Schooling (NIOS), Delhi, India　　**2022 - 2024**
Senior Secondary (Class 12)

National Institute of Open Schooling (NIOS), Delhi, India　　**2021 - 2022**
Secondary (Class 10)

TECHNICAL SKILLS

Languages: JavaScript
Developer Tools: VS Code, Git, Github
Technologies/Frameworks: ReactJS, Redux, NextJS, NodeJS, ExpressJS, Mongo

CERTIFICATES

- Certificate in HTML (Sololearn)
- Certificate in CSS (Sololearn)
- Certificate in JavaScript (Sololearn)
- Certificate in Web Development (Aadi Foundation)