Vinayak Patel

Frontend Developer

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SUMMARY

Highly motivated Frontend Developer with 2.5 years of experience building user-friendly and responsive web applications. Proficient in ReactJS, JavaScript, HTML, and CSS. Experience with Node.js, Express.js, and MongoDB for full-stack development.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Redux, Tailwind CSS

API Development: RESTful APIs

Backend: Node.js, Express.js, MongoDB, Oracle SQL Developer

Tools: Linux, Postman, Git, GitHub, VS Code

EXPERIENCE

12/2021-Present   **Infosys** | Frontend Developer   Indore, India

Project: Two Step Authentication Integration in Web Application

- Implemented the integration of robust authentication processes into Infosys product, employing technologies such as React.js, Node.js, Express.js and Oracle SQL. Used security libraries CORS, JWT token, and Bcrypt, to fortify the authentication mechanisms and enhance overall application security.
- This integration enhanced the security by and reduced the risk of unauthorized access.
- Integrated a second layer of authentication through Time-based One-Time Passwords (TOTP), leveraging Entrust for secure TOTP generation. Utilized the Entrust RESTful APIs to validate TOTP inputs provided by users through the mobile application, ensuring a high level of security and user verification.
- Collaborated closely with clients to ensure the successful implementation of the authentication process, addressing specific requirements, and enhancing overall user experience by 25%.

Technology Used: JavaScript | React.js | Tailwind CSS | RESTful API | Node.js | Express.js | Oracle SQL

PROJECTS

React & Redux   **Ecommerce Web Application**

- Developed a fully featured, responsive e-commerce website frontend using ReactJS with React Router for navigation and Redux Toolkit for state management.
- Implemented robust user authentication with login and signup functionalities. Restricted access to critical pages (home, cart, orders, profile) for logged-in users only.
- Filter and sorting functionalities to streamline product discovery and Pagination for effortless navigation.
- Built a dynamic shopping cart where Users can seamlessly add, update quantities, and remove items.
- Used async API calls with Redux Toolkit's Async Thunk for fetching products and managing application states.
- Empowered users by providing access to profile details and past order history.
- Ensured a clean and modern UI with Tailwind CSS for rapid styling.
- Utilized JSON Server to simulate server-side functionality for CRUD operations using various API endpoints.

Technology Used: JavaScript | React.js | Tailwind CSS | RESTful API | Redux | React Router

MERN Stack   **Blog Web Application**

- Developed a full-stack responsive blog application using the MERN stack (MongoDB, Express, React, Node.js)
- Created reusable and modular code for React.js frontend development.
- Effectively managed application state across components using Context API.
- Implemented routing to enable seamless navigation between different pages.
- Built RESTful APIs using Node.js & Express to handle CRUD operations on blog posts stored in MongoDB.
- Leveraged Axios for asynchronous communication and managing API responses.
- Ensured a clean and modern UI with Tailwind CSS for rapid styling.
- Utilized JSON Server to simulate server-side functionality for CRUD operations using various API endpoints.

Technology Used: JavaScript | React.js | Tailwind CSS | RESTful API | Node.js | Express.js | MongoDB.

EDUCATION

2016-2020   **Bachelor of Engineering**   Indore, India

Shri Govindram Seksaria Institute of Technology & Science