Vinay H C

Bangalore, India

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Technical Skills

Programming Languages	Javascript, python
Libraries/Frameworks	React.js, Node.js, Express.js, HTML, CSS, TailwindCSS
Database	MongoDB
Platforms	Vercel, Netlify, Render

Projects

E-commerce website   link

- **Designed and developed** a scalable E-commerce platform using the MERN stack, integrating Stripe for payment processing and Redis for caching.
- **Implemented secure authentication** using JWT with refresh and access tokens, enabling robust user account protection.
- **Engineered core E-commerce functionalities** including product and category management, a dynamic shopping cart system, and Stripe-based checkout workflows.
- **Built an admin dashboard** with real-time sales analytics, empowering data-driven decision-making for business management.
- **Optimized performance and security** by leveraging Redis for caching, enhancing API response times, and protecting sensitive data.
- **Crafted a responsive and intuitive UI** using TailwindCSS, delivering a seamless user experience across devices.
- **Developed promotional features** like a coupon code system to boost customer engagement and drive sales.

Personal portfolio   link

- **Developed a responsive personal portfolio website** using React.js and CSS, showcasing technical skills and projects.
- **Created a mobile-friendly design** that works well on phones, tablets, and desktops.
- **Utilized modular React components** to streamline code structure and improve maintainability.
- **Optimized site performance and accessibility**, delivering a modern, user-friendly interface.

Product store   link

- **Developed a MERN stack application** with full CRUD functionality, showcasing expertise in full-stack development.
- **Designed RESTful APIs** using Node.js and Express.js for efficient backend operations and database interactions with MongoDB.
- **Created a responsive user interface** with React.js and Chakra UI, ensuring an optimal experience across devices.
- **Implemented robust error handling** to improve reliability and debugging processes.
- **Deployed the application** to demonstrate end-to-end development skills.

Certifications

- **freeCodeCamp's JavaScript Algorithms and Data Structures**

Education

Government Engineering College – Hassan	*August 2024*

- CGPA – 6.5