Vinay H C

karnataka, India

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Profession Summary

Results-driven Full-stack developer with expertise in MERN stack, Proven ability to design and implement scalable, user-centric applications while leveraging modern technologies to enhance performance and user experience.

Technical Skills

Programming Languages	*Javascript, python*
Libraries/Frameworks	*React.js, Node.js, Express.js, Zustand*
	HTML5, CSS3, TailwindCSS
Database	*MongoDB, Redis*
Tools	*Git, Github, Postman*
Platforms	*Vercel, Render*

Projects

Urban Shop   *Nodejs, Expressjs, MongoDB, Redis, Reactjs, Zustand, TailwindCSS, Stripe, Claudinary*   *Live Demo*

- Engineered a scalable E-commerce platform with MERN stack, integrating Stripe for payments and Redis for caching
- Designed secure authentication using JWT with access and refresh tokens to safeguard user accounts.
- Developed core E-commerce features, including product and category management, dynamic shopping cart, and Stripe-based checkout workflows.
- Built an admin dashboard with real-time sales analytics to drive data-driven business decisions.
- Enhanced performance and security by utilizing Redis for caching, accelerating API response times and securing sensitive data.
- Managed global state using Zustand, ensuring efficient state management across the application.
- Created a responsive, intuitive UI with TailwindCSS, ensuring a seamless user experience across devices.
- Integrated promotional features, including a coupon code system, to enhance customer engagement and drive sales.

Personal portfolio   *Reactjs, HTML, CSS*   *Live Demo*

- Created a personal portfolio website using React.js to showcase projects and technical skillset.
- Designed an interactive, visually appealing layout to represent my web development journey.
- Integrated project sections detailing technologies used, project outcomes, and key learnings.
- Leveraged React.js for dynamic rendering, optimizing performance and ensuring responsiveness across all devices.
- Enabled intuitive navigation and a clean, professional design to enhance user experience.
- Presented a cohesive visual representation of my work and expertise in web development.

Product store   *Nodejs, Expressjs, MongoDB, Reactjs, Zustand, ChakraUI*   *Live Demo*

- Engineered MERN stack application with full CRUD functionality, demonstrating proficiency in full-stack development.
- Designed and implemented RESTful APIs using Node.js and Express.js for efficient backend operations and MongoDB database interactions.
- Created responsive UI with React.js and Chakra UI, ensuring an optimal user experience across devices.
- Deployed the application, showcasing comprehensive end-to-end development skills.

Certifications

- **freeCodeCamp's Javascript Algorithms and Data Structures certifications**   *View Credentials*

Education

Government Engineering College – Hassan   *August 2024*

- CGPA – 6.5