PRASHANT KUMAR SINGH

Frontend Developer

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Summary

Frontend Developer experienced in building dynamic user interfaces and optimizing web applications using React and JavaScript. Leveraging my expertise in MVC architecture and RESTful API integration, I proactively design and implement scalable, maintainable, and efficient solutions. I consistently enhance user experiences and improve application performance by implementing responsive interfaces and optimizing page load times through collaborative design and development practices.

Experience

Tata Consultancy Services (Client: UIDAI)
Bengaluru, Karnataka

Frontend Developer
01/2023 - 09/2025

- Refined and implemented key features for UIDAI, utilizing React.js, JavaScript, and MVC architecture to deliver scalable and robust solutions that enhanced property management efficiency across the organization
- Integrated with RESTful APIs for real-time data fetching and updates
- Developed and implemented reusable components, optimizing front-end performance by reducing load times and improving rendering efficiency by approximately 30%
- Diagnosed and resolved complex technical issues by leading root cause analysis and performance profiling, collaborating with cross-functional teams to align with project requirements and deadlines.

Tata Consultancy Services (Client: Verizon)
Bengaluru, Karnataka

Frontend Developer
02/2022 - 12/2022

- Developed and maintained scalable web applications with React.js, implementing new features and user-friendly interfaces to achieve measurable enhancements in performance and user experience, resulting in 20% improved load times and increased user satisfaction.
- Identified and debugged critical application issues using browser dev tools and performance logs, resulting in more stable and efficient deployments.

Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, SASS/SCSS

Frameworks/ Technologies: Tailwind CSS, Bootstrap, React, Redux, Node.js, Express.js

Tools/ Version Control: VS Code, Postman, Thunder Client, Git, Bitbucket

Project Management & Methodologies/ Design Pattern: MVC (Model–View–Controller), Jira, Agile

Soft Skills: Collaboration, Communication, Problem-Solving, Attention to Detail, Time Management, Adaptability

Projects

Nature (React Travel App)

A travel app that allows users to explore various destinations (React.js, Node.js, Express, Stripe, Leaflet)

- Developed a responsive travel app frontend using React with modular components
- Engineered secure user authentication and authorization flows with React.js, featuring custom sign-up, login, and profile management components; achieved 99.9% uptime and enhanced application security posture.
- Designed dynamic homepage and destination cards with interactive UI elements
- Utilized context providers for global state management across routes
- Deployed the application on Vercel and Render for fast and reliable access

Frontend Code: https://github.com/PrashantRajput7372/NatoureFrontend

Backend Code: https://github.com/PrashantRajput7372/Natours

Demo: https://natoure-frontend.vercel.app/

Education

Dr. B.C. Roy Engineering College
Durgapur, West Bengal

Bachelor of Technology
08/2016 - 07/2020