Prudhvi Charan P

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Front-End Developer with **4+ years** of experience building responsive, high-performance web applications using **React**, **JavaScript (ES6+)**, and **HTML5**. Expert in creating engaging user interfaces with **CSS3**, **SASS**, and modern build tools like **Webpack**. Proven track record of collaborating with **UI/UX designers**, optimizing **cross-browser compatibility**, and delivering **accessible** web solutions that enhance user experiences across all devices.

Technical Skills

Frontend Technologies: React (Hooks, State Management, Router), JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/SCSS
UI/UX & Design: Responsive Design, Cross-Browser Compatibility, Web Accessibility (WCAG), UI/UX Collaboration, Wireframe Implementation
Build Tools & Version Control: Webpack, Vite, Git, GitLab, npm, VS Code
APIs & Integration: RESTful APIs, Fetch API, Axios, Asynchronous Request Handling, Third-Party Services
Testing & Quality: Jest, React Testing Library, Jasmine, Karma, Code Reviews, Debugging
Performance & Optimization: Performance Optimization, Lazy Loading, Component-Based Architecture, Modular Code
Additional Technologies: Angular, Vue.js, Bootstrap, Tailwind CSS, jQuery, MongoDB, PostgreSQL
Methodologies: Agile, Scrum, Cross-Functional Team Collaboration

Experience

Front-End Developer
Akdene Technologies

03/2025 - Present
Morrisville, Charlotte

- Developed **5+ responsive React applications** using modern JavaScript (ES6), HTML5, and CSS3, ensuring seamless cross-device experiences and fast load times
- Collaborated closely with **UI/UX designers** to translate wireframes and mockups into functional, visually appealing interfaces with pixel-perfect implementation
- Optimized front-end performance through advanced techniques including lazy loading, code splitting, and efficient state management, reducing page load times by **40%**
- Integrated **RESTful APIs** and third-party services using Fetch API and Axios, enhancing application functionality and user engagement by **45%**
- Implemented comprehensive testing strategies using **Jest** and React Testing Library, conducting thorough code reviews and debugging to ensure high-quality, reliable code
- Built modular, reusable React components following component-based architecture and modern JavaScript standards, improving code maintainability across projects
- Ensured **cross-browser compatibility** and **web accessibility standards (WCAG)** compliance, delivering consistent user experiences across all major browsers and devices
- Utilized modern build tools including **Webpack** and version control with **Git** for efficient development workflows and collaborative team environments
- Applied **TypeScript** for type-safe development, reducing runtime errors and improving code quality in large-scale applications

Full-Stack Developer
Vitrana

06/2021 - 12/2022
Bangalore, India

- Built responsive front-end interfaces for healthcare analytics platform using **React** and **Angular**, collaborating with design teams to create intuitive user experiences
- Developed dynamic, responsive web applications using **HTML5**, **CSS3**, and **SASS**, ensuring optimal performance across desktop and mobile devices
- Integrated front-end applications with **RESTful APIs** for seamless data flow, implementing efficient state management and asynchronous request handling
- Implemented comprehensive testing frameworks using **Jest**, **Jasmine**, and **Karma**, achieving **96% code coverage** and maintaining high code quality standards
- Optimized application performance through advanced caching strategies and front-end optimization techniques, improving user experience metrics by **30%**
- Collaborated with cross-functional teams using **Agile** methodologies and version control with **Git**, ensuring timely project delivery and seamless team coordination
- Created reusable component libraries and maintained consistent UI patterns, reducing development time by **25%** across multiple projects

- Ensured cross-browser compatibility and accessibility standards, delivering consistent user experiences across different platforms and user demographics

Frontend Developer

12/2019 - 05/2021

Vitrana

Bangalore, India

- Developed comprehensive front-end dashboard using **React** and **TypeScript**, implementing complex routing and state management for **50+ screens**
- Created responsive user interfaces with **HTML5**, **CSS3**, and **SASS**, ensuring optimal user experience across all device types and screen sizes
- Collaborated with UI/UX designers to implement wireframes and design mockups, translating visual designs into functional, interactive web interfaces
- Integrated third-party APIs and services using modern **JavaScript (ES6+)** features, async/await patterns, and efficient data handling techniques
- Built reusable React components and implemented component-based architecture, standardizing UI patterns and improving code maintainability
- Utilized modern build tools including **Webpack** for module bundling and optimization, improving application performance and development workflows
- Conducted thorough testing and debugging using automated testing frameworks, ensuring cross-browser compatibility and consistent user experiences
- Maintained version control workflows with **Git** and collaborative development practices, supporting efficient team-based development processes

Projects

Career Axis - Job Application Tracker | React, HTML5, CSS3, JavaScript(ES6+), RESTful APIs
- Built responsive job tracking platform using **React** with modern JavaScript (ES6+) and HTML5, creating engaging user interfaces with seamless cross-device functionality
- Designed visually appealing interfaces using **CSS3** and advanced styling techniques, implementing responsive design patterns for optimal user experience
- Integrated **RESTful APIs** for automated data fetching and third-party service integration, achieving **98% accuracy** in application status tracking
- Implemented interactive data visualizations and dynamic user interfaces, enhancing user engagement and improving workflow efficiency by **65%**
- Applied efficient state management and performance optimization techniques, reducing load times by **75%** and enabling smooth user interactions

Real-Time Task Dashboard | React, TypeScript, HTML5, CSS3, RESTful APIs
- Developed real-time task management interface using **React** and **TypeScript**, serving **500+ concurrent users** with responsive design principles
- Created dynamic data visualization dashboards with complex filtering capabilities, translating user requirements into functional, interactive interfaces
- Implemented efficient API integration patterns for real-time data updates, ensuring seamless user experience and optimal performance
- Built modular, reusable components following modern front-end best practices, improving code maintainability and development efficiency

Education

University of Missouri-Kansas City

01/2023 - 05/2024

Master of Science in Computer Science

Kansas City, Missouri

Vellore Institute of Technology

06/2016 - 06/2021

Bachelor of Technology in Software Engineering

Vellore, Tamil Nadu, India