

PIYUSH KUMAR

## Frontend Developer (React.js, JavaScript)

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### SKILLS

React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Responsive Web Design, Cross-Browser Compatibility, Redux, Context API, GraphQL API, Component-Driven Architecture, Scalable UI Design, Code Splitting, Lazy Loading, Memoization (React.memo, useCallback, useMemo), Bundle Optimization, Vite Build Optimization, Lighthouse Performance Audits, Accessibility (WCAG Guidelines, Semantic HTML, ARIA Attributes, Keyboard Navigation, Screen Reader Compatibility), Jest, React Testing Library, Unit & Component Testing, Debugging with Chrome DevTools, Vite, Git & GitHub, Netlify, Render,

### Open Source & Ecosystem:

npm Package Development, Mozilla Firefox Add-on Development, Open Source Contribution.

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### PROFESSIONAL SUMMARY

Self-taught React.js & TypeScript Frontend Developer with 5+ years of experience in developing scalable, high-performance, and WCAG-compliant user interfaces for web applications using React.js & TypeScript. Skilled in the latest frontend technologies such as Next.js, Vite, Redux, Context API, Tailwind CSS, code splitting, lazy loading, memoization, and bundle optimization—successful in decreasing page load times by 25%+ using Lighthouse audits and performance optimization. Devoted open-source contributor with published npm packages and a Mozilla Firefox add-on, committed to providing clean, component-based, accessible, and user-focused solutions in a collaborative setting.

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### WORK EXPERIENCE

#### Frontend Developer - Promit & Company, Jharkhand, India - January 2021 – Present

- **UI/UX Architecture:** Engineered custom web applications using React.js and Tailwind CSS, achieving a 25% increase in client satisfaction through high-fidelity, tailored user interface solutions. **Architected** and implemented **responsive design principles**, ensuring 100% cross-browser compatibility and seamless mobile performance across all projects.
- **Reduced** page load time by 25% through frontend performance optimization techniques. **Collaborated** directly with clients to translate business requirements into actionable technical development plans and optimized site performance.
- **Streamlined** debugging processes using Chrome DevTools, reducing site issue resolution time by significantly improving code quality.
- **Implemented** unit testing using Jest and React Testing Library, improving code reliability and reducing regression issues across frontend components.

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## PROJECTS

1. **Laughy:** Created and released a Firefox add-on that, in order to lessen developer fatigue and enhance concentration during extended coding sessions, plays a random joke with every click.–Technology used: Built with **Vanilla JavaScript**  
  
Link: <https://addons.mozilla.org/en-US/firefox/addon/laughy/>
2. **Real-time-wildfire tracker:** Built a map-based web application to visualize real-time wildfire data using NASA EONET APIs. – Technologies used: Built with **React.js, Vite, NASA EONET API, LEAFLET**  
  
Link: <https://realtime-wildfire-tracker.netlify.app/>
3. **Personal Online Bookstore:** Built and deployed a full-stack e-commerce platform to sell self-authored digital books, integrating PayPal payments for digital product delivery. –Technology used: Built with **Vanilla JavaScript**  
  
Link: <https://piyush-kumar.store/>
4. **Funny-Error-Excuse-Generator:** Published and maintained an npm package used to display humorous runtime error messages across Node.js and browser environments– Technology used: Built with **Vanilla JavaScript.**  
  
Link: <https://www.npmjs.com/package/funny-error-excuse>
5. **MamaNourish:** Designed and developed a health-focused application tailored for prenatal care and nutritional tracking. – Technology used: Built with **React.js, Vite**  
  
Link: <https://mamanourish.netlify.app/>

All projects are fully responsive and cross-browser compatible, ensuring optimal performance across devices and major browsers.

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## EDUCATION

- **Degree in History (Honours):** Vinoba Bhave University, 2019
- **Diploma in Electronics & Communication Engineering:** Ranchi University, 2013

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## LANGUAGES

- **Hindi:** Native
- **English:** Professional Working Proficiency.

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## HOBBIES & INTERESTS

Reading fiction, Non- fiction and Pulp literature, Creative Writing, Exploring Music Across Genres, Internet Research & Digital Exploration.