

Twinkle Bhardwaj

Sr. Developer – Frontend

Lead Frontend Developer with 5+ years of experience building responsive, scalable web apps. Skilled in translating designs into high-performance UIs and collaborating across teams to deliver seamless user experiences.

Contacts

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Skills

React.js
JavaScript (ES6+)
Component Architecture
JSX, Hooks, Context API, useReducer, Webpack, Git
Material UI, Tailwind CSS, REST APIs
Sanity CMS, Memoization, Code-splitting
Lazy loading, Tree shaking,
HOC, Render Props,
Compound Components,
React DevTools, Redux DevTools,
Accessibility (WCAG), SEO, Figma,
Wireframing, Prototyping, UI design
Debugging, Error handling, CI/CD,
GitHub Actions, Netlify, AWS, Testing,
UX Collaboration, Frontend
Architecture,
Performance Optimization, Semantic
HTML
Core Web Vitals, Security, Mentoring
Analytics, Google Tag Manager,
Heatmaps
Kanban, agile & scrum
Product management

Lead Developer – Frontend

Opstree Labs Pvt Ltd, April 2025 – Present

- **Architected and developed scalable frontend systems** using React.js, TypeScript, Context API, and custom hooks, following reusable and modular component patterns (HOC, Render Props, Compound Components).
- **Implemented performance optimizations** including code splitting, lazy loading, tree shaking, and memoization—significantly improving render efficiency and load times.
- **Built pixel-perfect, accessible (WCAG-compliant) UIs** with Material UI and Tailwind CSS, ensuring cross-browser compatibility and responsive design across devices.
- **Collaborated on wireframes, prototypes, and workflows** with UX designers and product teams; contributed to schema-driven UI and dynamic form rendering using REST and GraphQL APIs.
- **Led code reviews, mentored developers**, and maintained high test coverage with modern CI/CD workflows (GitHub Actions, Netlify, AWS); strong Git branching & conflict resolution skills.
- **Hands-on with debugging tools** like React DevTools and Redux DevTools; implemented robust error boundaries, loading states, and frontend security best practices.

Senior Developer – Frontend

Opstree Labs Pvt Ltd, Jan 2022 – March 2025

- **Built scalable and reusable UI components** using React.js and JSX, ensuring maintainability across products and consistent design implementation.
- **Collaborated with product managers and UX designers** to define feature workflows, wireframes, and user interactions aligned with business goals.
- **Delivered pixel-perfect**, responsive interfaces that met accessibility standards and performed reliably across browsers and devices.
- **Integrated RESTful APIs seamlessly**, enabling smooth data exchange and consistent user experiences across complex modules.
- **Upgraded React apps from v16 to v18**, improving performance and stability while maintaining backward compatibility.
- **Boosted frontend performance by up to 70%** using lazy loading, code splitting, and render optimizations for faster interaction and load times.

UI/UX Developer

OpsTree Solutions Pvt Ltd, Nov 2019 – Dec 2021

- Contributed to the UX and UI design of BuildPiper, shaping a clean, user-friendly, and visually consistent interface.
- Created wireframes, prototypes, and user flows to support product features, enhancing usability and guiding intuitive user interactions.
- Produced visual assets for social media and campaigns, including graphics, banners, and promotional creatives for improved brand engagement.
- Designed and developed marketing websites for Opstree Solutions and BuildPiper Documentation, focusing on performance and responsiveness.
- Designed digital certificates and visual collateral for learning programs like DevOps Ninja, aligning with branding and marketing strategies.

Tools

Jira, Figma, Docker, GitHub Actions,
Netlify, AWS, Webpack, Babel,
VS Code, React Developer Tools, Redux
DevTools, Chrome DevTools, Google
Analytics, Google Tag Manager

Education & Learning

Bachelor's of Computer Application

Directorate of Distance Education,
Subharti University, Meerut, India,
India |January 2021

Hobbies

Traveling
Video gaming
Playing badminton
Indoor cricket

HTML Frontend Developer

Aastha Online Ventures LLP, October 2018 – April 2019

- **Designed email templates and websites**, converting designs to HTML using Photoshop.
- **Developed a website** for Media Swag using Wix.
- **Managed the admin portal** of TalentSwag.
- **Created and implemented designs** in line with company branding standards.

Area of Experties

Frontend Architecture: Designing scalable, maintainable UI architecture using React.js and modern JavaScript practices

UI Development: Building pixel-perfect, responsive, and accessible interfaces with Material UI, Tailwind CSS, and HTML5/CSS3

Performance Optimization: Implementing code splitting, lazy loading, memoization, and render tuning to enhance app performance

API Integration: Seamless integration of REST and GraphQL APIs with robust error handling and dynamic data rendering

Component Design: Creating reusable and modular components using advanced React patterns like HOC, Render Props, and Compound Components

Cross-Functional Collaboration: Working closely with UX designers, product managers, and backend teams to translate ideas into functional features

DevOps & CI/CD: Familiar with GitHub Actions, Netlify, AWS, and deployment pipelines for frontend delivery

Team Leadership & Mentorship: Leading frontend teams, conducting code reviews, and mentoring developers on best practices and performance tuning

UX & Wireframing: Proficient in translating requirements into wireframes and prototypes using tools like Figma

Accessibility & SEO: Implementing WCAG standards, semantic HTML, and Core Web Vitals optimization

Achievements

🏆 **Winner of BuildPiper Ideathon** – Secured 1st place for proposing and prototyping an innovative feature to enhance developer experience and system observability.

📝 **Blogathon 1st Place Winner** – Authored a top-performing technical blog on BuildPiper's Step Catalog and CI/CD automation, showcasing best practices for high-quality deployments.

🚀 **Improved BuildPiper frontend performance by 70%** through advanced optimizations like code splitting, lazy loading, and component memoization.

🔧 **Successfully upgraded React apps from v16 to v18 across product**, ensuring zero regression and enhanced runtime performance.

📊 **Contributed to observability tooling and dashboard design**, enabling teams to track deployments, agent health, and pipeline analytics in real-time.