

# Twinkle Bhardwaj

Senior Frontend Developer

📍 Noida, India | 📞 7065406084 | ✉️ mrtwinkle@outlook.com | <https://shorturl.at/rjvu1>

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## Professional Summary

Highly skilled **Senior Frontend Developer** with **5 years** of experience in designing and developing **scalable, high-performance web applications**. Expertise in **React.js, JavaScript, TypeScript, Highcharts, Material UI, CSS-in-JS**, and **UI/UX design**. Proven ability to lead feature development, **optimize application performance**, and mentor teams. Strong background in **low-level and high-level design, wireframing, API integrations, and Agile methodologies**.

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## Technical Skills

- **Frontend Technologies:** React.js, JavaScript, TypeScript, HTML, JSX, HTML5, CSS3, CSS, OOP, highcharts.js, webpack, npm, node.js, React DnD, SPA.
  - **UI/UX & Design Tools:** Figma, Material UI, Bootstrap, CSS-in-JS, REST API, React
  - **State Management:** Redux, Context API
  - **Performance Optimization:** Lazy Loading, Code Splitting, API Optimization
  - **Other Tools & Frameworks:** Agile (Scrum, Sprint Planning), Git, Jira, ServiceNow, microservices
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## Professional Experience

Opstree Solutions Pvt Ltd

**BuildPiper | Senior Frontend Developer (Jan 2022 – Present)**

- **Feature Development & Design:** Defined feature requirements, designed wireframes, and implemented **scalable, reusable frontend components** using React.js and TypeScript.
- **Frontend Architecture & Optimization:** Upgraded React.js versions **from 16 to 18**, improving **performance by 70%** using lazy loading, code splitting, and optimization strategies.

- **API & State Management:** Integrated **RESTful APIs**, implemented **Redux and Context API**, and optimized API handling.
- **Performance & UI Enhancement:** Developed **pixel-perfect, responsive UI components**, ensuring cross-browser compatibility and mobile-first design.
- **Collaboration & Agile Workflow:** Partnered with UX designers, backend engineers, and product teams to deliver high-quality features in Agile sprints.
- **Team Leadership & Mentorship:** Conducted code reviews, mentored junior developers, and led workshops on **React.js best practices and UI performance tuning**.

## **BuildPiper | HTML Frontend Developer (Nov 2019 – Dec 2021)**

- Developed frontend features using **React.js**, including listing pages, add/edit flows, and seamless API integrations for Buildpiper.
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- Built features leveraging drag-and-drop functionality, crafting complex UI interactions using libraries like **React DnD** to enhance user experience.
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- Developed execution flow views (similar to pipeline execution visualizations), enabling users to track and interact with dynamic deployment processes.
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- Implemented interactive charts and visualizations to provide actionable insights using tools like Highcharts and custom chart components.
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- Actively involved in UX design and UI development of BuildPiper, contributing to an intuitive, user-friendly, and visually appealing interface.
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- Created wireframes, prototypes, and design concepts to enhance user experience and improve overall product usability.
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- Designed and developed websites for Opstree Solutions, and BuildPiper Documentation, ensuring high performance, scalability, and responsiveness.
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- Created visually engaging graphics for social media posts, marketing campaigns, and SMM (Social Media Marketing) activities to enhance brand visibility.
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- Designed certificates and digital assets for the DevOps Ninja learning program and other marketing initiatives.

## **Aastha Online Ventures LLP | HTML Developer (OCT 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.

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## Key Achievements

- ✓ **Product Contributions:** Developed and optimized 4+ SaaS products: **BuildPiper, Maturity Insights, EMS, and Developer Insights.**
  - ✓ **Performance Improvements:** Reduced **BuildPiper's** load time by **70%** by implementing **lazy loading and optimization techniques.**
  - ✓ **React.js Version Upgrades:** Successfully **upgraded BuildPiper & Maturity Insights** from **React 16 to 18** with zero downtime.
  - ✓ **Advanced UI Features:** Implemented **drag-and-drop functionality using React DnD** for seamless user interactions.
  - ✓ **Feature Ownership & Delivery:** Led multiple feature developments from **wireframing to final deployment**, ensuring timely releases.
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## Area of Expertise

- **Front-End Development:** Skilled in React.js, HTML5, CSS3, Sass, and Material-UI for building responsive, user-friendly web applications.
  - **Data Visualization:** Experienced in creating interactive dashboards using Highcharts for visualizing metrics like project progress, employee status, and salary distribution.
  - **Performance Optimization:** Reduced build time by 70% through lazy loading, code splitting, and tree shaking.
  - **Content Management Systems (CMS):** Hands-on experience with WordPress, Wix, and Shopify, customizing templates and ensuring responsive, SEO-friendly designs.
  - **Drag-and-Drop Interfaces:** Developed drag-and-drop functionality using React DnD, improving user interaction and workflow management.
  - **Collaboration and Documentation:** Worked with designers, UX, and backend developers; created documentation with Docusaurus 2.0.
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## Education

🎓 **Bachelor of Computer Applications (BCA)**

Directorate of Distance Education, Subharti University - Meerut, India  
2017 - 2021

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## Additional Information

- **Availability:** Open to new opportunities and collaborations.

- **Languages:** Fluent in English and Hindi
- **Hobbies:** Traveling, video gaming, playing badminton and indoor cricket