TWINKLE BHARDWAJ

LEAD DEVELOPER - FRONTEND

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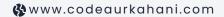🌐 www.codeaurkahani.com   ✉ itwinklebhardwaj@gmail.com   📍 Noida, Uttar Pradesh, IN

ABOUT ME

Frontend engineer with 5+ years of experience in and React.js, leading UI/UX & frontend architecture across products like BuildPiper, Dora Metrics, EMS, Instance schedulers, & Developer Insights. Evolved from designing in Figma & photoshop to leading the frontend team, focused on scalable, high-performance systems.

EDUCATION

Bachelor of Computer Applications(2017-2019) - Subharti University

EXPERIENCE

Opstree Solutions Pvt. Ltd.

📍 Noida, U.P. India -201301

Nov 2019 to Present

Lead Developer - Frontend – March 2025 - Present

- Built scalable React.js frontends with Context API and custom hooks, contributing to HLD and LLD through modular architecture patterns.
- Led end-to-end feature delivery, from backend data scoping through UX design, Figma prototypes, and frontend implementation.
- Revamped a dynamic permission framework enabling adaptive UI rendering, granular access control, and memory-efficient permission lifecycle (FIFO/LIFO) handling.
- Improved frontend performance by using DevTools, Lighthouse, and Bundle Analyzer insights, optimizing with lazy loading, code splitting, and memoization.

Senior Developer - Frontend – Jan 2022 - March 2025

- Built scalable, reusable UI components using React.js, ensuring consistent design, maintainability, and cross-product adaptability.
- 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.

UI/UX Designer – Nov 2019 - Dec 2021

- Developed BuildPiper from scratch using React.js and Material UI, designing intuitive UIs in Figma for seamless user experiences.
- Created visual assets for social media campaigns - banners, promos, and creatives—to boost brand engagement.
- Designed and built responsive marketing websites for Opstree Solutions and BuildPiper Docs with a performance-first approach.

SKILLS

- ReactJs
- Javascript
- HTML/CSS
- NodeJs
- React DevTools
- Redux & Redux DevTools
- React Router
- Material UI
- Tailwind CSS
- Webpacks
- HighCharts
- NextJs
- Web Vitals
- VAPT
- GIT
- JIRA
- Accessibility (WCAG)
- SCRUM/Agile

PROJECTS

BuildPiper

- Spearheaded the frontend architecture of BuildPiper from scratch using React.js, Context API, and Material UI, enabling modular and scalable development.
- Designed initial UI/UX in Figma and implemented responsive, reusable components with JSX, ensuring consistent branding and usability.
- Built a dynamic permission framework with adaptive UI rendering and FIFO/LIFO-based memory-efficient permission handling.

Maturity Insights / DORA Metrics

- Led the design and research of DORA metrics (Deployment Frequency, Lead Time to Change, Change Failure Rate), shaping the foundation of the Maturity Insights product.
- Created wireframes and user flows, collaborating closely with UI/UX designers to deliver clean, insight-driven Figma designs.
- Contributed to frontend implementation using React.js, ensuring data-rich dashboards were performant, scalable, and user-friendly.