

SHASHANK SHEKHAR

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Portfolio](#)

Skills

Web Technologies: HTML5, CSS3, SCSS/SASS, Vanilla JavaScript, TypeScript, ES6, RESTful APIs

Libraries & Frameworks: React.js, React Native, Redux Toolkit, Jest, Storybook, Next.js, Tailwind CSS

Tools & Platforms : GitHub, Webpack, Babel, NPM, JIRA, PWA, Scrum, ESLint, Prettier, ChatGPT, Copilot

Experience

Software Development Engineer (SDE) - Cartrade Tech Limited

May 2024 – Present

- Led the development and delivery of multiple products, including [Oxygen](#), CWOPR, and ES, driving efficient sprint execution and consistently achieving project milestones on time .
- Redesigned the theme library's **hashing algorithm** by introducing counter-based hashing for atomic class names, **reducing DOM size by 20%** on [Carwale's](#) and [Bikewale's](#) website and significantly boosting page load performance.
- Created Node.js **automation scripts** to replace old theme classes with new ones, ensuring 100% accuracy and integrating pre-commit hooks.
- **Increased snapshot test coverage to 80%** for Oxygen Design System, ensuring component consistency and robustness
- Developed a **Intellisense** to assist developers by Auto suggesting theme classes for any CSS property-value pair, thereby streamlining the code review process and code quality.
- **Implemented 40+ high-priority GoLive Skin Ads Campaign tasks featuring complex CSS Animation and features** using vanilla JavaScript with template injection, ensuring cross-browser compatibility through BrowserStack testing, under time-sensitive conditions.
- Automated interactive template creation with a configurable panel, reducing creation time from 1–1.5 hours to 5 minutes and eliminating manual front-end intervention.

Associate Software Developer Engineer(ASDE) - Cartrade Tech Limited

January 2023 – April 2024

- Improved **website performance** and **SEO** (Search Engine Optimization) by optimizing CLS and **INP** using **Google Lighthouse**, **Core Web Vitals**, and **Chrome DevTools**.
- Created new component library [Ozone](#) for multi-platform use of common components) facilitating **multi-platform** use of 20+ compound components, resulting in **better code maintainability**.
- **Reduced 10% DOM nodes** improving load times by 5% and enhancing performance for CarWale.
- Developed 2 Responsive **Micro Sites** for Cartrade using Vanilla js such as [Women In Mobility Season 3](#) and [Carwale Off- Road Day - 2023](#)
- **Transformed 20+ PSD designs** into highly functional, responsive, and user-friendly web pages for car dealerships.

Project

Collaborative Board Editor [\[live\]](#)

Engineered and integrated real-time text editing and drawing board features using React.js, Socket.IO, and Node.js, enabling seamless collaboration, instant feedback, and significantly enhancing the platform's user experience .

Portfolio [\[live\]](#)

Designed and developed a fully responsive personal portfolio using React.js, Context API, and Framer Motion, featuring smooth animations, dark/light theme toggling, and an optimized experience across all devices.

Education

UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY

Kanpur U.P

Bachelor of Engineering in Mechanical Engineering - **8.3 SGPA**

July 2018 – June 2022

Full Stack Web Development Training [Certification] — CODING NINJAS

Achievements

- Awarded **Developer of the Month** and nominated multiple times for the honor