# RITIK BOKRE

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## Skills

**Languages & Libraries**: HTML, CSS, SCSS, JavaScript, TypeScript, React, Redux, Redux Toolkit, React Router, GSAP, Jest, Tailwind CSS, Bootstrap, Atomic CSS, Babel, CSS Animations

**Tools & Technologies**: Responsive Web Design, UI/UX, Front-end Development, Git, GitHub, Agile Methodologies, JIRA, Webpack, Vite, Storybook, Zeplin, Figma, Cypress, NPM, Pivotal Tracker

**Soft Skills**: Leadership, Mentoring, Problem-solving

## Experience

### Dassault Systèmes — Pune, Maharashtra
*Software Engineering Specialist* — *April 2025 - Present*

- Enhanced filter search UX by eliminating input lag **(40% faster)** using React useTransition for non-blocking updates.
- Optimized version graph component, **reducing render time by 35% and bundle size by 18%.**
- Reduced unnecessary re-renders through memoization and state restructuring, improving UI responsiveness by 30% under heavy data loads for configuration management app.

### CarTrade Tech Limited — Navi Mumbai, Maharashtra
*Software Development Engineer* — *May 2024 – April 2025*

- Enchanced the **Oxygen Design System** for CarWale, serving **40M+ monthly users** with **50+ reusable components** in **React and React Native**.
- Led multiple products (**CWOPR, Oxygen, Oxygen Native, ES**), improving team sprint velocity by 20%.
- **Raised snapshot test coverage to 80%** for Oxygen, enhancing component reliability and consistency.
- **Optimized 8–10 Oxygen React components**, reducing JS main-thread blocking by **120 ms** on the CarWale model page and lifting Lighthouse from **84 to 92**, with higher accessibility scores.
- **Initiated and led research on counter-based hashing for atomic class names**, achieving concise 2-3 character names, reducing CarWale's DOM size by **8%** and improving page load time and overall performance.
- **Automated template generation** via a configurable panel, eliminating manual developer intervention and **reducing template build time by 70%.**

*Associate Software Developer Engineer* — *May 2022 – April 2024*

- **Delivered GoLive skin ads** with complex CSS animations using vanilla JavaScript and template injection, ensuring cross-browser compatibility via BrowserStack and **boosting launch speed by 15%** under tight deadlines.
- **Fixed INP related priority issues** across CarWale, helping maintain **top-4 SEO rankings** for car-related searches
- Re-engineered form components (Input, Select, TextArea), **reducing page space usage by 30%, increasing CTR by 40%**, and optimizing user experience.
- Led migration of BikeWale non-React pages to React, **enhancing performance by 20%** and maintainability.
- Established **centralized animation docs** with 60+ illustrative examples, reducing revision time by **25%** and now used by **10+ designers** for ads creation (**Link**).
- Migrated components to the Ozone library, enabling multi-platform use of 12+ common HOCs, **reducing duplicate code by 30% and cutting PR cycle time by 20%**.

*Software Developer Intern* — *January 2022 - April 2022*

- **Reduced DOM nodes by 15%**, improving load times by 5% and enhancing overall performance for CarWale.
- Built interactive ad templates using **HTML, CSS, TypeScript, and JavaScript** for Google and internal slots with tracking features, **ensuring cross-platform support** and boosting engagement by **18%**.
- **Transformed 20+ PSD designs** into responsive and user-friendly web pages for car dealerships.
- **Developed and optimized 15+ websites** for car dealerships across India, enhancing user engagement, helping maintain an 80%+ client satisfaction rate with CarWale's web services.

## Education

### ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH — Indore
*Bachelor of Engineering in Computer Engineering - **8.5 SGPA*** — *July 2018 – June 2022*

## Achievements

- Secured **1st Runner-up at Hacktivate 4.0 (2022)** for Oxygen CSS optimization, delivering a **15% reduction in CSS file size.**