ABHISHEK ROUT

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Skills

Languages: JavaScript, TypeScript, NodeJS, C++, CSS, HTML
Developer Tools: Git, Agile Methodologies(JIRA), Storybook, Cypress, NPM
Technologies & Frameworks: React, React Native, Redux, Redux Toolkit, Nextjs, Tailwind, GraphQL

Experience

Software Developer Engineer II (SDE-2) - Intellihealth Solutions Pvt Ltd   *May 2025 – Present*
- Migrated Components to new **Spearheaded development and maintenance** of multiple web and app UIs at **Truemeds**, including customer-facing, doctor portal, and warehouse management platforms using modern frontend technologies.
- **Built a custom CSS atomization strategy**, reducing initial CSS load by 5% and improving performance, consistency, and maintainability across apps.
- **Collaborated with backend teams** to define API contracts and contributed to technical **decision-making, driving scalable** and efficient front-end architecture.

Software Developer Engineer II (SDE-2) - Dream Sports   *Jan 2025 – May 2025*
- Consulted at **Dream11**, contributing to the end-to-end UI development of the **Dreamplay App** development from scratch using **React Native, GraphQL, Redux** ensuring seamless performance across both **Android and iOS** platforms.
- **Architected and implemented** a scalable **React Native Design System**, integrating **Figma design tokens** to deliver consistent theming and branding across multiple Dream11 products.
- **Engineered 10+ advanced UI components and animations**, such as a **custom parallax Mega Carousel** where background images smoothly transition in sync with card swipes, delivering a dynamic and immersive user experience across devices.
- **Collaborated with product, design, and backend teams** to deliver seamless frontend-backend integration and reduce development time by 20%, while optimizing app performance for smooth UX across low-end devices and networks, maintaining **pixel-perfect UI** on both Android and iOS.

Software Developer Engineer I (SDE-1) - Cartrade Tech Ltd   *Dec 2021 – Jan 2025*
- Improved & Maintained the **Oxygen Design System** for CarWale, optimizing **50+ reusable components** for **40M+ monthly users**. Enhanced performance (Flipper/Lighthouse) and robustness with **increased snapshot test coverage to 80%** using Enzyme and React Testing Library.
- **Led research on counter-based hashing for atomic class names**, reducing DOM size by **8%** and improving page load performance. Additionally, **resolved INP-related priority issues** across CarWale, helping maintain a top 4 **SEO** ranking for car-related searches.
- **Integrated performance testing** tool to measure blocking time of JS thread and UI thread for react-native. This impacted our switch to react-native-reanimated further optimizing performance by 3x factor on Carwale android app.
- Developed and automated **10+ GoLive Skin Ads tasks** with vanilla JS, ensuring cross-browser compatibility via BrowserStack, and reduced template creation time by **70%** with a configurable panel.

Projects

@rout-ui *[Private Library] (Stack: React JS, React Native Javascript, Storybook, Expo)*
- Built a library with 50+ reusable components, themes, and hooks using **React, React Native, and Expo**, streamlining development for responsive websites and applications. Improved developer efficiency by 30% through standardized components, documented via Storybook. Hosted on Verdaccio and currently private for updates.

Abhishek UI *[Live] (Stack: HTML, CSS, Javascript)*
- **Developed a static web portal showcasing 50+ unique web design templates**, each accompanied by detailed, cleanly structured source code to demonstrate best practices in modern frontend development.

Education

D.Y. Patil College of Engineering, Akurdi   **Pune**
Bachelor of Engineering in Computer Engineering - **9.63 SGPA**   *July 2018 – June 2022*

Achievements

- Achieved **2nd Runner-up** position at **Hacktivate 4.0 (2022)** for implementing an Analysis and Optimization of Oxygen CSS project.
- **Authored and maintained 10+ technical articles** on GeeksForGeeks, providing in-depth explanations and solutions to programming and development challenges.