

Bharadwaj Racha

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🐙 <https://github.com/bharadwaj-racha>

🔗 <https://www.linkedin.com/in/rachabharadwaj>

🌐 **Portfolio** – <https://portfolio-bharadwaj-racha-2a37ca1b.vercel.app/>

Summary Of Qualifications (Knowledge & Skill Areas)

UI/Frontend Developer with 4.4+ years of experience in delivering accessible, high-performance, and scalable web applications. Proficient in ReactJS, Redux Toolkit, TypeScript, HTML, CSS, and modern frontend tooling. Experienced in converting Figma designs into interactive, pixel-perfect interfaces while ensuring WCAG 2.1 accessibility standards and optimised Core Web Vitals. Adept at collaborating with cross-functional teams in Agile setups, implementing unit testing, maintaining component documentation, integrating Google Analytics, and delivering robust frontend solutions that align with business objectives.

Experienced in optimising React applications using Lighthouse and React Profiler, integrating REST APIs with RTK Query, and leveraging CI/CD, SEO best practices, analytics event tracking, and automated testing (Jest/RTL) to deliver high-quality, scalable solutions.

Tools & Technology Expertise

- **Frontend Development:** ReactJS, Redux, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Material-UI, SCSS.
- **UI/UX & Accessibility:** MDS, Figma, Storybook, HubSpot CMS, WCAG 2.1, axe DevTools, NVDA.
- **Testing & Debugging:** React Testing Library, Karma, Postman, Jules, Manual Testing, Unit & Integration Testing, Swagger.
- **Tools & DevOps:** Git, Bitbucket, Jira, Jules, AWS, Confluence, Dynatrace, Splunk, Java, Spring Boot, SQL.
- **Optimization & Analytics:** Google Analytics, A/B Testing, SEO, Lighthouse, Core Web Vitals, PageSpeed Insights.

Experience

- **Infosys** Dec 2024 - Present
- Senior Associate Consultant

Client:- CMA-CGM

Tech Stack: ReactJS, TypeScript, Redux, Tailwind CSS, Storybook, Google Maps, RTL, Git, Postman, Jira, Confluence, Jules, axe DevTools, NVDA, Swagger, Jest.

- Developed a fully responsive logistics dashboard UI using ReactJS, Redux Toolkit, TypeScript, and Tailwind CSS to improve performance, scalability, and maintainability.
- Integrated the Google Maps API for real-time shipment tracking, geo-mapping visualisation, and enhanced logistics transparency.
- Built and maintained 40+ reusable UI components, documented them in Storybook to streamline development and improve team collaboration.
- Achieved 95%+ accessibility compliance using axe, NVDA, semantic HTML, WCAG 2.1, improving usability for all user groups and meeting ADA standards.

- Authored robust unit and UI tests with React Testing Library, consistently maintaining 80%+ test coverage to ensure stability and reduce regressions.
- Participated in UI design discussions, Agile sprint planning, and sprint retrospectives.
- Created detailed documentation for component logic, integration flows, and behaviour tracking in Confluence.
- Used Postman, Git, Jira, and Jules to manage testing, APIs, and collaboration workflows.
- Supported full-cycle testing and contributed to backend API validation and debugging.
- Guided junior developers in best practices for component architecture, code quality, and debugging.
- Took ownership of UI modules, coordinated cross-team discussions, directly interacted with clients for requirement clarification, and ensured timely delivery of sprint commitments.

- **OdinSchool**

Sep 2023 - Nov 2024

- Senior Technical Associate

Tech Stack: ReactJS, Bootstrap, JavaScript, HubSpot CMS, Google Analytics, Figma, A/B Testing, Bitbucket, Jira, Confluence, SQL, SEO

- Revamped the website UI using ReactJS, Bootstrap, and HubSpot CMS, improving SEO performance, page speed, and mobile responsiveness.
- Developed reusable UI components, optimised HubSpot templates, and built custom form modules for marketing and lead-generation campaigns.
- Integrated secure payment processing with Juspay and Stripe, implemented lead-tracking mechanisms, and configured conversion forms with CRM workflow automation.
- Increased click-through rates by 18% via structured A/B testing and UI experiment variants.
- Improved Core Web Vitals (LCP, FCP) by 45% with image optimisation, lazy loading, and Lighthouse audits.
- Configured Google Analytics to track conversion funnels and traffic behaviour.
- Executed comprehensive browser compatibility, responsiveness, and ADA compliance testing to maintain design and functional accuracy.
- Created and updated UI reference documentation in Confluence while coordinating daily tasks using Jira, Figma, and Bitbucket.

- **Accenture**

Sep 2021 - Sep 2023

- Custom Software engineer

Client:- JPMC

Tech Stack: ReactJS, Redux Toolkit, MDS, BlueJs, Spring Boot, SQL, Karma, RTL, Dynatrace, Splunk, Postman, Bitbucket, Git, Jira, Confluence, Jules

- Developed scalable, reusable UI components using ReactJS, Redux Toolkit, and MDS component libraries to improve code consistency and frontend performance.
- Built modular, responsive interfaces from Figma designs, ensuring **WCAG 2.1 accessibility compliance** using axe DevTools and NVDA for audits and remediation.
- Integrated and validated REST APIs using Spring Boot and SQL, troubleshooting backend issues through Dynatrace, Splunk, and Postman to ensure end-to-end stability.
- Participated in UI architecture discussions, Agile sprint ceremonies, and delivered client-facing demos to communicate progress and gather feedback.
- Documented component logic, UI workflows, API behaviour, and edge-case handling in Confluence for cross-team clarity and onboarding efficiency.
- Utilised Bitbucket, Git, Jira, and Jules to streamline version control, QA workflows, and sprint task management.

- Leveraged BlueJs to orchestrate complex UI interactions and enhance component-level behaviour where applicable.
- Performed thorough manual testing, collaborating closely with QA teams across multiple release cycles to ensure quality and reliability.

Education

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad - Bachelor's in Electronics and Communications Engineering. 2017-2021

Achievements & Awards

- 🏆 **Best UI Developer Award** – *Accenture* – for consistently delivering pixel-perfect and accessible forms for JPMC
- 🚀 **INSTA Award** – *Infosys* – for delivering frontend logistics modules ahead of schedule with clean architecture
- 🏆 **Best Employee Award** – *OdinSchool* – for high-performance marketing site revamp and traffic growth impact
- 📈 **Enhanced code quality & performance** by contributing to UI reviews, performance audits, and best-practice adoption.
- 🧩 **Built scalable, reusable UI component systems**, optimising React architecture and reducing development time.
- ♿ **Delivered WCAG 2.1 / ADA-compliant UIs** using axe DevTools, NVDA, and semantic HTML best practices.
- ⚡ **Improved Core Web Vitals** and frontend performance, enhancing user engagement and reducing load times.