

Employment

Software Engineer

Infosys

Jul 2024 - Present

- Developed and maintained responsive, performant, and user-friendly UI components using **ReactJS, TypeScript, GraphQL, and Sass** to ensure high-quality web applications for a flagship mobility pathway software for one of the **Big-4** firms.
- Enhanced complex React components by integrating business logic, optimizing re-renders, and improving the overall performance, resulting in a **25% decrease in load times and over 20% improvement in responsiveness**.
- Spearheaded performance optimizations, including reducing rendering overhead with react-virtualized for efficient handling of large data sets (tables, lists), leading to **over 55% increase in application performance**.
- Designed and developed a Bulk Case Creation feature, allowing users to upload CSV files for asynchronous case creation, **reducing the manual effort for clients** by enabling mass data handling and significantly improving processing speed.
- Implemented GraphQL subscriptions to enable real-time updates on file upload status, ensuring users are provided with seamless feedback during bulk file uploads, improving user engagement and satisfaction.
- Developed and deployed multiple key features such as dynamic tables, interactive accordions, and complex multi-page forms that streamlined business workflows, increasing client operational efficiency.
- Ensured a high-quality user experience through detailed testing (unit tests, integration tests), leading to a **30% reduction in bugs** reported by QA.
- Collaborated in an agile environment, participating in daily stand-ups, sprint planning, and code reviews to ensure code quality and timely feature delivery.

Software Engineer

DXC Technology

May 2021 – Jun 2024

- Migrated legacy silverlight application to React, utilizing **Next 13, TS, mui components and formik**.
- Optimized the application by introducing lazy loading, memoization and API data caching with Tanstack query resulting in **40% faster page loads**.
- Maintained **code quality** by following best practices and keeping the code test coverage over 80% by writing unit tests with **react-testing-library** and **jest**.
- Effectively managed application-wide states using both **Context API** and **ReduxJS**, ensuring smooth data flow and state management.
- Introduced Tailwind-CSS for custom components **significantly reducing development time**.

Languages and Technologies

- Frontend: ReactJS, TypeScript, NextJS 13+, JavaScript (ES6+), Redux, RESTful APIs, JWTs
- UI/ Styling Libraries: Material UI (MUI), shadcn UI, tailwind-css, styled-components, sass
- Additional Libraries: Tanstack/ react-query, react-router-dom, framer-motion, Formik
- Tools: git, github, figma, react-dev-tools, postman

Education

- B.Tech. Computer Science Engineering, Amity University. (2017-2021)

Additional Experience and Awards

- Awarded FY24 H1 DXC Collaborator's award - **Jan 2024**
- Awarded 2x Q1 DXC Champ's award FY23 & FY 24 - **Sep 2023, 2024.**
- Awarded Key members of team from National Australia Bank (Client) - **Oct 2022**
- Microsoft Certified: Azure Fundamentals Az-900 - **Feb 2022**