Ashish Jaiswar

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Experience

ACCENTURE - *Senior Frontend Developer* Sep 2024 – Present

- Developed and delivered critical features of a **micro-frontend** insurance application using **React**, **Next.js**, **JavaScript**, **TypeScript**, Redux, Ethos UI library — reducing cross-team release conflicts by **~40%** and enabling parallel development.
- Built **12** responsive, SEO-optimized UI screens using **React** and **Next.js**, achieving a **60%** reduction in initial bundle size through code splitting and lazy loading, improving LCP score from 4s to **~1s** for end users.
- Designed an isolated Redux store architecture across **2** micro-frontend apps, eliminating cross-app state leakage and reducing unnecessary re-renders, enabling real-time data sharing via browser custom events.
- Developed **9 APIs** using **Nest.js** and third-party services, enabling delivery of critical features such as password and **passkey** authentication, user registration, and phone number verification, SSO user login.
- Integrated 9+ RESTful API calls with UI Screens, error boundaries, loading states, and client-side caching, reducing load time by ~30%.
- Proactively took on informal technical lead responsibilities, mentoring teammates, tracking Agile sprint stories, and owning delivery of critical features consistently exceeding role expectations and demonstrating leadership potential.
- Achieved **95%** code coverage across unit and component tests using Vitest, Jest, and **React Testing Library**.
- Integrated AI-assisted workflows (code generation, test scaffolding, documentation) into daily development, reducing average feature development time by **~25%** and improving PR quality scores in code reviews.
- ***Impact:*** *Delivered **7** critical features, completed **130+** story points across **18+** user stories, and resolved **90+** defects. Eliminated approximately **7,000** lines of duplicate code, improving code maintainability.*

TATA CONSULTANCY SERVICES (TCS) - *Frontend Developer* Apr 2023 – Sep 2024

- Contributed on the development of critical features of an insurance application using **JavaScript**, **React**, **Redux**, and custom project-specific libraries, improving core functionality and user experience.
- Built **7** responsive UI screens with **Tailwind CSS** and **React**, implementing complex forms with data validation and business logic; Integrated Redux reducers to enhance state management and optimize overall performance.
- Collaborated with backend developers to integrate **6 APIs** with UI workflow, enabling dynamic backend service triggers based on real-time user interactions, reducing average page response latency by ~**200ms**.
- Refactored a monolithic UI page into feature-specific, modular components and custom hooks, improving code organization, maintainability, and scalability while optimizing page load time and overall application performance.
- Developed a supply chain dashboard using **Next.js**, **Tailwind CSS**, and Material UI, with advance features such as efficient **filtering**, **sorting**, and **pagination**, enhancing operational visibility and decision-making efficiency.
- ***Impact:*** *Delivered **7** critical UI screens containing complex forms, Optimized code maintainability, removed duplications, Mentored Team mates on feature understanding and solutioning.*

INFOSYS - *Software Developer* Nov 2020 - Mar 2023

- Led the automation of a banking application with a diverse role of automation, sanity test and web development.
- Developed an API visualization and debugging tool using **React, Flask, and Python**, automating data retrieval to save **1–2 hours daily for 15+ users** and reducing API debugging time by approximately **40%**, improving team productivity and troubleshooting efficiency.
- Created **40+** web automation scripts using **Python** and **Selenium,** reducing manual QA effort to **70%** (~15 hours/week saved).
- Built reusable Python utility modules (email reporting, data encoding, SQL Server logging) — standardising reporting across **3** teams and reducing ad-hoc script duplication by **~60%**.
- Automated incident creation via ServiceNow API triggered on sanity check failures — reducing mean time to alert (MTTA) from **~30** minutes to under **2** minutes and ensuring zero missed incident escalations.
- ***Impact***: *Saved manual effort of **10 hours**, developed **40+** sanity scripts, built **3** project specific tools, Led the automation team.*

Skills

Frontend: JavaScript, TypeScript, Python, HTML5, CSS3, Redux, React Query, Micro-Frontend

UI: React.js, Next.js, Ethos UI library, Flask, Tailwind CSS, Server-Side Rendering (SSR), Bootstrap, shadcn/ui

Testing: Jest, vitest, React Testing Library, Zod, and TDD.

Backend: Nest.js, Node.js, Django, REST API Design, JWT, OAuth 2.0, Passkey Auth.

Databases: MySQL, Microsoft SQL Server, MongoDB

Tools: Git, GitHub, GitLab, Docker, Jenkins, CI/CD Pipelines, Postman, Figma, Jira, Claude AI, kiro AI.

Education

Bachelor of Science in Computer Science *Jun 2017 – May 2020*
Ramniranjan Jhunjhunwala College, Mumbai | **CGPA: 8.49 / 10.0**

Projects

Personal Portfolio

Production-grade portfolio with **90+** Lighthouse score, **SSR**, dynamic routing, and optimised Core Web Vitals (LCP < 1.5s). Built with Next.js and Tailwind CSS. Stack: **Next.js, Tailwind CSS.**

Game Store

Full-stack browsing experience consuming the RAWG REST API, with real-time search, genre filtering, infinite scroll, and skeleton loading states. Demonstrates advanced async state management and API integration patterns. Stack: **React**, **TypeScript**, Chakra UI, Tailwind CSS.

Certificates

- ReactJS - Certificate
- ReactJS Intermediate - Certificate
- Google Cloud Platform Fundamentals - Certificate
- Testing Apps with React Testing Library - Certificate

Achievements

INSTA Award Certificate of Appreciation by Infosys. - Certificate

Publications

- Micro-Frontends Architecture for Scalable Web Apps
- Easiest Way to Create Custom Cursor in React