

# Ashish Jaiswar

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## EXPERIENCE

### ACCENTURE - Senior Frontend Developer

Sep 2024 – Present

- Led development of a scalable **micro-frontend** insurance application using **Next.js, React, Vite, TypeScript, Redux**, and custom **UI component** library.
- Built **9 UI screens**, responsive, mobile-first screens for **Registration** and **Login** module, optimizing performance and accessibility across devices.
- Worked on **16 UI screens**, resolving UI issues and optimizing performance to improve overall user experience.
- Contributed to a complex **micro-frontend** architecture (**2 React** apps, **1 Next.js** app, **2 BFF** layers), ensuring seamless integration, and cross-application communication.
- Built **passkey**-based authentication in UI and Improved page performance by **15%** through code-splitting, lazy loading, and state optimization.
- Developed **9 BFF APIs** with **NestJS, Postman** supporting OTP identity verification, credential & passkey creation (**Transmit Web SDK**), passkey login flow, and phone number verification.
- Led end-to-end UI-BFF **API integration**, managing async flows, **session**, data mapping, error handling, and state synchronization to ensure secure and resilient authentication workflows across micro-frontends.
- Wrote comprehensive unit tests using **Vitest, Jest** and **React Testing Library**, achieving **100%** code coverage and ensuring production-grade stability.
- Leveraged **Amazon Q (AI)** to accelerate development workflows, improve code quality, and assist in debugging, documentation, and test case generation.

### TATA CONSULTANCY SERVICES (TCS) - Frontend Developer

Apr 2023 - Sep 2024

- Worked on the development of critical features of an Insurance application using **JavaScript, React, Redux**, and custom project-specific libraries.
- Developed UI for a critical feature page consisting of multiple forms with data validation and logic as per project requirements. Integrated Redux reducers to enhance state management and optimize overall performance.
- Collaborated with the back-end team to integrate data from **API** to user-facing elements and trigger back-end services on user events.
- Enhanced code quality by identifying and fixing bugs and diligently analyzed and resolved security vulnerabilities
- Performed unit testing using **Jest** and React Testing Library, achieving a comprehensive **100%** code coverage.
- Worked on the development of supply chain dashboard using **Next.js, Tailwind CSS**, and Material UI.
- Built several components with advanced features, such as efficient filtering, sorting, and pagination.

### INFOSYS - Software Developer

Nov 2020 - Mar 2023

- Developed a web application using **Python, Flask, React**, and **Selenium** where users can search & fetch deployed API data from the server and then transform it into a visual format, reducing the manual effort of **1-2 hours**.
- Created **40+** web automation scripts using Python and **Selenium** which reduced the effort of manual testing to **70%**.
- Developed various Python **utility** modules such as custom email reporting, data encoding/decoding, and storing results of automated sanity checks into the Microsoft SQL Server database.
- Automated incident creation process using ServiceNow API. Upon sanity check failure, an incident is auto-generated in ServiceNow, triggering email alerts to the respective team.

## SKILLS

### Programming Languages

JavaScript, Python, TypeScript, HTML, CSS

### Web Frameworks

React.js, Redux, Next.js, Tailwind CSS, Jest, Nest.js, Micro-frontend

### Tools

Figma, Amazon Q(AI), Postman

### Version Control

Git, GitHub, Bitbucket

### Databases

MySQL, Microsoft SQL Server, MongoDB

## EDUCATION

### Bachelor's in Computer Science

Ramniranjan Jhunjhunwala College, Mumbai

Jun 2017 - May 2020

Graduated with **8.49 CGPA**

## CERTIFICATIONS

ReactJS - [Certificate](#)

ReactJS Intermediate - [Certificate](#)

Google Cloud Platform Fundamentals - [Certificate](#)

## ACHIEVEMENTS

INSTA Award – Certificate of Appreciation by Infosys. - [Certificate](#)

## PUBLICATIONS

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