




# Ajay Raj K

Vancouver, BC,   
+1(236)867 8562  
 ajayrajcollath@gmail.com  
 ajayraj.ca

Problem solver with a passion for craftsmanship

## SUMMARY

Senior Frontend Engineer with 5+ years of experience building enterprise-scale web applications using React, Next, TypeScript, GraphQL and Micro-Frontend architecture. Specialized in scalable UI platforms, backend integrations, authentication systems, and performance optimization. Experienced in leading cross-functional teams, modernizing legacy applications, and delivering secure, high-performance solutions in large enterprise environments.

## SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, Jest
- **Backend & Database:** Node.js, GraphQL, MongoDB, SQL
- **Architecture & DevOps:** Micro-Frontends, Docker, Jenkins, Spinnaker, GitHub Actions, Azure Data Factory
- **Tools:** Webpack, SonarQube, Veracode, Grafana, Git
- **AI:** Codex, Copilot, Prompt Engineering

## EXPERIENCE

### **UST, Canada - Lead Developer**

July 2023 - April 2026 (Full Time)

- Led the development of the Albertsons Partner Portal, owning the Shell Application (Parent Micro-frontend) and a Partner/Vendor micro-frontend integrated into the platform.
- Architected and developed core modules including user onboarding, Notifications, Announcements, Case Management System, and a Help Center integrated with ServiceNow articles.
- Designed and implemented dynamic micro-frontend onboarding and runtime loading strategies, integrating and managing 9 independent MFEs within the shell.
- Built and managed a GraphQL middleware layer to orchestrate backend services and simplify frontend data consumption.
- Implemented Power BI embedded analytics and DocuSign integrations, enabling in-app report visualization, dynamic template customization, and automated envelope generation for thousands of users.
- Led an offshore team of 6 developers while enforcing quality and security compliance through SonarQube and Veracode, and collaborating with Product Owners and customers to deliver scalable, business-aligned solutions and UX improvements.

## **UST, India - Frontend Developer**

February 2021 - July 2023 (Full Time)

→ Developed enterprise applications for quality inspection, reporting, and warehouse shipping operations across Albertsons distribution centers.

→ Built scalable UI modules and reusable components using React, TypeScript, Redux, and Material UI to support complex business workflows and validations.

→ Designed dynamic dashboards, forms, and order management workflows while integrating backend APIs for order updates and tracking.

→ Supported Azure Data Factory (ADF) workflows for data transformation and synchronization between legacy Oracle systems and Azure SQL Server.

→ Contributed to CI/CD workflows, automated testing, and maintainability using Jest, React Testing Library, Jenkins, and Spinnaker.

## **Freelance Developer - Full Stack**

April 2019 - January 2021

→ Developed and customized web applications and game platforms (Facebook instant games and HTML5 Games) for clients using JavaScript, React, and PHP.

→ Configured Linux-based VPS environments, deployments, and application hosting.

→ Technology Includes JavaScript, React.js, Next.js, PHP and Linux

## OTHER PROJECTS

### **Minimal YTube - Chrome Extension**

→ A Chrome extension which eradicates all other YouTube Fields and helps users focus on the currently playing video.

### **Secret Share - Anonymous Messaging Platform**

→ A web application that allows users to share personalized links and receive anonymous feedback/messages. Includes an admin dashboard with customizable UI, user management, moderation controls, and multi-language support.

→ Technology Includes JavaScript, Next.js, PostgreSQL

## EDUCATION

### **Bachelor of Technology in Computer Science and Engineering**

August 2016 - July 2020 | Kerala, India

## CERTIFICATIONS

### **Red Hat Certified Engineer (RHCE)**

November 2020 : Certification ID: 190-251-470

### **Certified SAlFe 5 Practitioner**

April 2022 : Certification ID: 45495230-929