

Kiranjit Kaur | Suwanee, GA | [REDACTED] | [REDACTED] | [LinkedIn](#)

Public Trust Clearance, Active IRS MBI

Summary

Front-End Developer with 6+ years of experience delivering accessible, scalable web applications using **React.js, TypeScript, and modern JavaScript**. Proven track record building reusable UI components, optimizing performance, and ensuring **WCAG**-compliant design across government and enterprise platforms.

Work Experience

Front End Developer | ACF | NOAA | Dec 2025- Present

Project Description: The **Administration for Children and Families (ACF)** is an agency within the **U.S. Department of Health and Human Services (HHS)** dedicated to promoting the economic and social well-being of families, children, and communities across the United States. Working in Office of Head Start division's ITAMS monitoring tool as a Front-End Developer.

Tech stack used: **HTML, CSS, JavaScript, React.js, TypeScript, Redux.js, Jest, React testing Library, 508 standards (Accessibility), VPAT accessibility suite, JIRA, GitHub, dev-sim, Mongo DB**

- Implementing the front-end codebase modernization strategy for the legacy React codebase for ITAMS.
- Implementing React testing Library set up for legacy front end codebase.
- Contributing to documentation for team training for development work.
- Resolving front end bugs and supporting the team in setting up the development environment from scratch.

React Developer | Internal Revenue Services (IRS) | Nov 2022 - May 2025

Project Description: The Internal Revenue Service (IRS) is part of the U.S. Department of the Treasury and is responsible for enforcing and administering federal tax laws, processing tax returns, performing audits, and offering assistance for American taxpayers. Worked on both (**O&M**) team and Digital Notices and Letters (**DNL**) team responsible for many features and enhancements.

Tech used: **HTML, CSS, JavaScript, React.js (version 15 and 16), TypeScript, Redux.js, Jest, React testing Library, Reusable Components Library (Design System), 508 standards (Accessibility), CLM, GitHub, dev-sim, Windows Narrator, JAWS**

- Implemented front end features from scratch using **React.js** and **TypeScript** for various enhancements and new features as a part of Digital Notices and Letters team used by over 30 million taxpayers, enhancing the IRS portal's usability and engagement.

- Migrated legacy codebase to TypeScript to modernize and improve type safety and reducing runtime errors by 35% and improving developer velocity. Implemented pagination for the In-App notification system, decreasing page load time by 40% for millions of users.
- Singlehandedly developed and deployed 250+ bilingual notice templates, expanding secure online access for English and Spanish users.
- Ensured **accessibility (a11y)** by implementing **ARIA** labels and testing with screen readers (Narrator, **JAWS**). Strong understanding of WCAG 2.1 of AA and AAA standards for accessibility.
- Refactored around 10+ reusable components for IRS design system (**IRS-UI**) from class to function components. Refactored unit tests from Enzyme to React testing library.
- Implemented **GA4 (Google Analytics 4)** solutions among various applications in an initiative to modernize from the previous UA analytics and improve user behavior tracking. Conducted Demos with **OLS** to showcase the GA4 stories using Google Tag Manager thus getting client approval and completion of stories.

React Developer | Deloitte | April 2022 - Nov 2022

Project Description: Deloitte is a world leader in providing consulting, tax and financial advisory services to clients in more than 150 countries. **Started with Deloitte as a React Developer and got the opportunity to work in the platform team at Deloitte for few months while waiting to receive the MBI to start working at IRS project.** During this tenure got the exposure to AWS (Amazon Web Services), Jenkins Pipelines, Decker, Ansible and various Platform team operations.

Tech used: AWS, Kubernetes, EKS, Linux, Jenkins, Docker, Ansible, GIT, Blue Ocean, SCE

- Built POC Jenkins pipelines for **AWS S3** integration and Docker-based deployments.
- Automated **EC2** user provisioning using **Ansible** scripts.
- Participated in Agile meetings and contributed to AWS and CI/CD documentation.

Front End Developer | FreightSmart.ai | May 2019 - March 2022

Project Description: FreightSmart.ai is a complete **e-commerce** trucking dispatch management system to provide an all-in-one solution suite for order management, accounting/invoicing, yard inventory and real time driver tracking.

Tech used: HTML, CSS, React.js, Redux.js, MaterialUI, Node.js, Express.js, MongoDB, JAVA, MySQL, Spring Boot, AWS, GIT, AWS

- Developed **React.js**-based web platform for trucking management with Redux state management.
- Collaborated with backend engineers and contributed to developing RESTful APIs using Node.js/Express, including endpoints for order management, driver status updates, and real-time load tracking.
- Assisted with backend integration for microservices built in **Java/Spring Boot and MySQL**, ensuring smooth communication between front-end and service layer. Designed and executed **MongoDB/MySQL** queries.

UX Engineer | NagraVision | Oct 2015 - Feb 2016

Project Description: NagraVision global leader in digital security and convergent media solutions for the delivery of digital and interactive content.

Tech used: HTML, CSS, SASS, Bootstrap, JavaScript, Angular.js, jQuery, JSON, API, Agile, Jira

- Implemented UI features using **Angular.js, Bootstrap, and jQuery** for cable client.
- Built browser-based app for publishing promotional content on TV.

Technologies and Languages

- Languages: HTML5, CSS3, **JavaScript, Typescript, Java, Spring Boot**
- Frameworks: Bootstrap, **React.js**, Angular.js, Express.js, Redux.js, i18n, React Testing Library
- Cloud: AWS, EC2, S3, EKS, Jenkins, Ansible
- Tools: VS Code, GitHub, GitLab, Perforce, JIRA, npm, yarn, babel, GTM, GA4, WCAG 2.1 AA/AAA
- Methodologies: Agile Scrum, SDLC, Scrum Safe, Waterfall
- AI: ChatGPT, cursor, Prompt Engineering, OpenAI API, LLM Integration (basic)

Education and Certifications

- **M.Sc. Bioinformatics with Programming**, Georgia State University. **(2012 – 2014)**
- **Mastering Agile Scrum** Certification issued by QAI Institute **(October 2015)**