

DANIEL NAVA

SENIOR FRONTEND ENGINEER

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Summary

Frontend engineer with 4+ years shipping production React/TypeScript systems for Scotiabank (50,000+ users) and IBM. I specialize in high-density data UIs, component architecture, and bridging design systems with complex backend data. I'm comfortable owning features end-to-end from Figma to production.

Technical Skills

Core: TypeScript, JavaScript (ES6+), React, Next.js, React Native, HTML5, CSS3, SASS, Tailwind CSS.

Data & State: GraphQL, REST APIs, WebSockets, Apollo Client, Redux, React Query, Prisma, Supabase.

Tooling & Testing: Webpack, Vite, Jest, React Testing Library (RTL), Cypress, Storybook, ESLint.

Infrastructure & Design: AWS, GCP, Docker, CI/CD Pipelines, Git, Figma (Design-to-Code).

Professional Experience

Senior Frontend Developer · DataAnnotation

Mar 2024 - Present

- Designed and shipped a modular React/TypeScript component library for AI annotation workflows, reducing average task-completion time by 15% across 3 distributed cross-functional teams — measured via internal tooling dashboards.
- Led migration from a monolithic component structure to a modular architecture, establishing shared design tokens and a Storybook-documented library adopted across 4+ teams — cutting duplicate UI code by ~30%.
- Built real-time data ingestion interfaces using WebSockets and the Fetch API, handling concurrent open-source data streams for LLM training pipelines — reduced annotation lag by ~40% compared to the previous polling-based approach.

Frontend Engineer · Scotiabank

Jan 2022 - Feb 2024

- Engineered high-availability financial reporting dashboards in React and TypeScript, cutting data latency by 25% for 50,000+ users by migrating from REST polling to GraphQL subscriptions and optimizing render cycles with React.memo and code splitting.
- Built WCAG 2.1-compliant portfolio dashboards in React and Material UI for high-net-worth client segments, achieving a Lighthouse accessibility score above 90 and reducing reported UI support tickets by ~20%.
- Owned 3 end-to-end feature releases per quarter — from Figma prototype to staging QA — for compliance-critical financial reporting modules, consistently delivering within sprint without scope rollback across 8 consecutive quarters.

UI-Focused Developer · IBM

Jan 2021 - Dec 2021

- Shipped enterprise React Native and responsive web components for internal IBM tooling, serving cross-platform users across iOS, Android, and desktop — maintaining visual consistency across 5 device breakpoints per the IBM Carbon Design System.
- Drove adoption of React Native for cross-platform internal tooling, reducing duplicate iOS/Android codebases, presented tech stack migration proposal to team lead and delivered the first 3 components.

Education

CO-OP in QA Software Engineering

2023-2025

Canadian College of Technology and Business

- CI/CD automation, unit testing, and full-stack application scalability.

Bachelors of Mechatronics Engineering

2017-2022

UAG

- Systems thinking, algorithmic problem-solving, and hardware-software integration — applied directly to frontend architecture and data pipeline UI work.