Ahmed Habeila

Front-end developer

📍 Scarborough, ON, M1P5C7   ✉ HabeilaAhmed@gmail.com   📱 (647) 979-0872

📖 Portfolio   in LinkedIn   ◯ Github

PROFESSIONAL SUMMARY

- 7+ years of experience building elegant, performant and accessible user experiences
- Excellent background in **React**, **TypeScript**, and **HTML/CSS** with high adaptability to work with any stack
- Collaborative and friendly, with experience in leading teams

WORK EXPERIENCE

Frontend Architect at Thomson Reuters   July 2023 - Present

Saffron design system

- Scaled adoption to **1000+** engineers across **250+** repositories, reaching **1.8 million** internal downloads and **87%** adoption rate within 2 years
- Built TypeScript parser extracting component metadata to auto-generate documentation, reducing maintenance overhead by **80%** and removing human error
- Created **GPT-4** powered chatbot using generated component metadata, reducing developer support requests by **40%**
- Built pAIella: a Figma-to-code workflow generating code in any framework (React, Angular, vanilla), achieving up to **64.2%** in time savings
- Won **ZeroHeight award** in design system innovation in 2025 for project pAIella
- Owned technical architecture including repo structure, bundling, build/release processes, GitHub Actions, and 3rd party integrations
- Distilled requirements from UX designers, engineers, product team, testers and accessibility specialists into specification documents helping deliver **100+ components**
- Led team of **10** engineers, providing technical guidance, code reviews, and acting as subject matter expert
- Developed proprietary solutions for handling multiple web component versions in **micro-frontend** architectures using namespaces and scoped registries architecture using namespaces and scoped registries
- Added **IntelliSense** support to components using Custom Elements Manifest accross non-React frameworks, enabling autocomplete for attributes and CSS custom properties
- Developed a code generator to accelerate AI chatbot development, enabling creation of **15** applications

⬡ Web Components   TS TypeScript   ⚛ React   A Angular   S Storybook   ⟁ Rollup   GPT-4   🎭 Playwright   Chromatic

Front-end Developer at Calqulate Metrics   November 2020 - January 2023

Calqulate

- Communicated with clients to develop and document website requirements in an agile environment
- Led a team of 4 front-end developers in developing a front-end monorepo architecture with 2 apps and 5 independent libraries
- Developed libraries for charts in D3, tables in Devexpress, and reusable UI and form components in Material UI
- Enhanced developer experience by developing a proprietary types SDK for API type safety in TypeScript

⚛ React   TS TypeScript   ◎ Turborepo   🛡 Sentry   ☁ AWS   D3.js   Devexpress   S Storybook   Hasura   S Stripe API   GraphQL

Full work experience since **May 2019** is available on my portfolio.

PUBLICATIONS

Versioned web components and micro front-ends – June 2025 DEV

CERTIFICATIONS

Meta Front-End Developer Specialization – April 2023 ∞
- Programming with JavaScript by Meta ⓒ
- Version Control by Meta ⓒ
- Advanced React by Meta ⓒ
- Principles of UX/UI Design by Meta ⓒ

EDUCATION

Bachelor's Degree of Computer Science and Automatic Control – (2014 - 2019)

Graduation Project: An Express-like C++ web application framework ◯

A simple-to-use web development framework with an easy syntax inspired by Express.js that lets developers build full-fledged back-end multi-threaded API servers with middleware support and connect it to the desired database in C++

⚙ C++17   CGI   ⟋ Apache   Multithreading   △ Linux