

Michelle M. Lefebvre

Senior Frontend Engineer | React · JavaScript · Web Applications
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PROFESSIONAL SUMMARY

Senior Frontend Developer with 10+ years in technical roles, 5 years frontend. Experienced across enterprise platforms, agency client work, and independent consulting. Strong in component architecture, micro-frontends, accessibility compliance, and cross-functional collaboration with design and backend teams. Currently seeking a full-time permanent frontend role.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, SCSS, TypeScript

Frameworks & Libraries: React (Hooks, Redux, Performance Optimization), Vue.js, Vite, Material UI, Tailwind CSS, Styled Components

Testing: Jest, React Testing Library, Storybook

Tooling: Git, Docker, Node.js, Yarn, Contentful CMS, Jira, Agile/Scrum

Accessibility: WCAG 2.1, ARIA patterns, Axe-core, semantic HTML

PROFESSIONAL EXPERIENCE

Associate Software Developer | **HMH** | Montreal | *Oct 2022 – Oct 2024*

- Developed and maintained React components — both new builds and updates to existing ones — within an enterprise micro-frontend architecture serving 22M+ users, using TypeScript and Material UI.
- Improved accessibility compliance on MUI components in collaboration with the Accessibility team, applying WCAG 2.1 standards, ARIA patterns, and Axe-core audits to ensure inclusive user experiences.
- Partnered closely with UI/UX designers to deliver pixel-accurate, mobile-responsive implementations, translating designs into code across a large codebase.
- Contributed to code quality through unit testing with Jest and React Testing Library within a Node.js/Yarn mono-repo environment.

Frontend Developer | **Valtech** | Montreal | *Nov 2020 – Mar 2022*

- Pioneered the first known injection of responsive HTML/CSS and payment flows directly into a WebAR environment (8th Wall, PlayCanvas), a technique that had not been done before, enabling seamless in-app checkout without redirecting users to the browser.
- Architected cross-platform frontend solutions for multiple client projects using React, Angular, and Contentful CMS.
- Served as an Instructor for TechGirl workshop across NYC, Toronto, and Chicago, teaching frontend development fundamentals to underrepresented groups in tech.

Full-Stack Development Bootcamp | **John Abbott College** | Montreal | *Oct 2019 - Oct 2020*

- Intensive one-year program completed while transitioning from consulting into employed developer roles. Capstone project: Jitters — a full-stack e-commerce platform

PROFESSIONAL EXPERIENCE (cont'd)

Owner & Frontend Consultant | MML Designs | Montreal | Aug 2017 – Nov 2020

- Delivered e-commerce frontend work for Reitmans (major Canadian retailer), building shopper profile and payment interfaces integrated with backend APIs.
- Delivered responsive web applications and digital branding solutions for clients across retail, and education.

EDUCATION & CERTIFICATIONS

Full-Stack Development - John Abbott College	2020
Google AI Professional Certificate	2026
Responsive Web Design Certification - freeCodeCamp	2019
Secret Security Clearance Level II	(2015–2025)

AWARDS & VOLUNTEERING

- 3rd Place Worldwide - JAMstack Online Hackathon: Built a React-based dog adoption matching platform in 24 hours.
- Workshop Mentor, Canada Learning Code: Supported participants exploring frontend development across multiple events.
- Meetup Mentor: Regularly support early-career developers at local frontend meetups in Montreal, providing guidance on React, CSS, and breaking into the industry.

Early Career: CAD Manager & Architectural / Engineering Technologist

- Managed technical drafting standards and project workflows within engineering environments.
- Developed foundational skills in technical specifications and cross-disciplinary collaboration that inform my current approach to frontend architecture.