

Ryan Spice-Finnie

Senior Software Engineer

Frontend architecture, full-stack development and technical leadership

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Portfolio | LinkedIn | GitHub | Technical writing

London, Ontario | Available for Toronto hybrid and Canada-remote roles

Professional profile

Hands-on software engineer with more than a decade of **frontend-focused full-stack experience** across enterprise platforms, customer-facing products and independent consulting. I modernize legacy applications, establish **shared frontend architecture**, implement authentication and APIs, and deliver accessible interfaces using **JavaScript and TypeScript**, Angular, React and Svelte.

Technical capabilities

Frontend: JavaScript, TypeScript, Angular, React, Preact, Svelte/SvelteKit, Vue, native Web Components, HTML, CSS/SCSS; component architecture, SSR and prerendering.

Full stack and integration: Node.js, PHP, SQL, REST, GraphQL, OAuth/OpenID Connect; Azure containers, Static Web Apps, CDN and Storage; legacy .NET environments; AWS/GCP, Stripe and Moneris.

Quality and delivery: AODA/WCAG implementation, Storybook, Vitest, Jest, Mocha, Chai, Git, Webpack, Vite and CI workflows.

Recent experience

Canopy Digital

Aug 2024–Present

Principal Engineer

- Develop client websites and web applications with TypeScript, SvelteKit, PHP and APIs. Recent work includes TCM Acupuncture, Black Cedar Designs, Lancaster FBC and 519 Trough & Exterior.
- Deployed **three websites to Azure** using containers and Static Web Apps, CDN and Storage. Deliver authentication and payments with Azure OAuth/MSAL, **Stripe and Moneris**; build scoped AI harnesses with MCP and deterministic checks.

AutoTrader.ca

2024 · 6/m

Full Stack Engineer

- Led homepage implementation with **server-side rendering** and prerendered components on Azure Static Web Apps, including work with an **Angular 19 prerelease**.
- Collaborated with architects and team leads on modernization while maintaining legacy Angular 8/9 components in a .NET 4 solution.

Professional experience continued

Pizza Pizza Limited

Nov–Dec 2023

Angular Deployment Specialist | Pizza 73

- Upgraded Pizza 73 from **Angular 8 to Angular 17**, updating build and serve workflows and Ivy rendering with Webpack, Express, Bootstrap and related dependencies.

Ontario Cannabis Store

Mar–Oct 2022

Senior Full Stack Engineer

- Owned a **React administration application** replacing a legacy Ruby frontend, using Storybook and design specifications to support consistent components and **AODA/WCAG 2.1** requirements.

Manulife

Jun 2020–Mar 2021

Senior Full Stack Engineer

- Developed customer login for the Travel business using ForgeRock/OpenID and Passport.js in an Adobe Experience Manager environment.

ADESA / Openlane

Feb 2018–Aug 2019

Senior UX Developer, then Senior Software Engineer

- Led SSR and reusable micro-frontend boilerplates adopted across teams; reverse-engineered legacy Java OAuth for frontend login. Worked with Vue, Preact, React, Angular and native Web Components.

Indegene

Nov 2016–Feb 2018

Front-End Developer and Team Lead

- Helped hire and lead up to six developers delivering Angular/Ionic mobile applications with WebRTC and **offline synchronization**, in a Microsoft Azure/.NET environment with Salesforce and Jira.

Additional experience: Tracer/Mark8t (Svelte, PHP, QR contact tracing); Nobul (React/GraphQL and Google Cloud); Goods and Services (Drupal); FutureVault (React, PHP/MySQL, Java); LM Staffing (PHP/SQL and Elasticsearch).

Education and current projects

Video Game Design and Development, Yorkville University / RCC Institute of Technology, with a focus on C++ programming and project management. SAFe training and certification, 2019.

Recent independent work includes Three.js/PixiJS 8 game development and AI harnesses with MCP and API tools. Fugu Fusion explores scoped delegation, provider routing and verification.