

Drew Thompson

Software Developer

hello@drewthompson.dev

<https://drewthompson.dev>

 [drew-codes](#)

 [drewcodes](#)

Summary

I am an engineer who is passionate about writing modular code on the foundations of solid software architecture. My specialty is the frontend, but I have worked all across the stack and enjoy the challenges of learning new technologies and patterns. I'm looking for an opportunity to work with other people who are passionate about software development, technology and business.

Work Experience

Software Engineer, Wealthsimple Technologies Inc.

Toronto, Ontario – October 2021 - Present

- Prevented potential client losses of over \$500K to date by leading the development of an automated 'Option Auto Sell' feature to execute sell orders for profitable option contracts. Uncovered existing functionality within the distributed system architecture to reduce the scope of implementation. Managed a phased launch from internal testing to full client deployment.
- Achieved \$10M in net client deposits within a 60-day period by collaborating on the launch of Wealthsimple's first-ever private credit offering. Enabled back-office teams by building tools for registered investment agents to streamline the applicant approval process.
- Slashed order time-to-completion by over 50% by revamping the order flow with a strong emphasis on efficiency and application performance. Adopted a strategic approach in building reusable React components and logic, ensuring consistency and modularity across diverse security classes.
- Reduced frontend errors by 25% on a Month over Month basis from January 2024 to July 2024 by leading an overhaul of cross-platform error handling and increasing observability through tools such as Sentry and DataDog.
- Cut time-to-completion of tasks handled by our registered traders by 80% by automating manual and tedious tasks through new user interfaces. Tasks automated include single equity order posting, bulk equity order posting, and order auditing.
- Technologies used: React, React Native, Node, Ruby on Rails, GraphQL, Apollo Client, Distributed Services Architecture.

Senior Developer, Royal Bank of Canada

Toronto, Ontario – November 2020 - October 2021

- Responsible for the re-development and launch of KYC features in the RBC mobile application. Maintained a rigorous emphasis on unit testing, integration testing, and refining our CI/CD pipeline, all to ensure the utmost resilience of newly deployed code.
- Removed thousands of lines of code and initiated a 35% year-over-year surge in the resolution of technical debt Jira tickets by creating a new team initiative to identify, prioritize, and manage issues within the code base on a regular basis.
- Influenced the integration of innovative features, by researching and evaluating new frontend technologies, and sharing insights with stakeholders. The findings led to heightened resilience of our organization's applications and libraries, enhanced development workflow efficiency, and the modernization of certain aspects of the tech stack..
- Onboarded and mentored junior developers, and co-op students through pair-programming, code reviews, whiteboarding sessions, and informal coffee chats.

Senior Frontend Developer, Normative Inc.

Toronto, Ontario – Sept 2019 - November 2020

- Delivered high-quality work by developing, testing and deploying Angular and React applications and libraries for our clients.
- Unified 3 internationally distributed teams for a major telecommunications client by leading the development of an Angular component library. Slashed installation time of the component library by 73% by automating its download and installation process through code generation scripts.
- Set guidelines for client projects, planning the path toward the final deliverable. This included sprint

planning and macro-level product roadmaps.

- Resolved gaps in knowledge around project context through team collaboration. This involved creative methods of communication such as internal workshops and whiteboard sessions.

Frontend Developer, Entertainment One Ltd. (Secret Location Inc.) - Contract

Toronto, Ontario – Dec 2018 - Sept 2019

- Amplified the reusability of application code by implementing an Angular component library, allowing component portability across a set of applications.
- Scaffolded applications rapidly by constructing view configuration files built on top of the application state and components.
- Ensured deadlines were met and maintained consistent momentum by planning sprints, scoping tasks, and sharing successes and challenges in retrospectives

Frontend Developer, Benji - Contract

Toronto, Ontario – Sept 2018 - Dec 2018

- Accomplished real-time interactivity between devices by building an Angular application using the WebSocket API..
- Reduced the initial application load time by splitting the code into modules and lazy-loading them only when necessary through the Angular router.

Consultant/Frontend Developer, NewAge Products Inc - Contract

Mississauga, Ontario – Apr 2018 - Apr 2019

- Offloaded content input related tasks from the development team and increased code reusability by implementing new content management strategies such as the development of dynamic, drag and drop layout blocks.
- Educated design and development teams on the latest user interface trends through presentations and documentation.
- Ensured that product page launches remained in sync with the overall marketing strategy.

Frontend Developer, RB Audiobooks.com

Mississauga, Ontario – Sept 2017 - Sept 2018

- Implemented several user interfaces for the Audiobooks.com web application by translating PSDs into functional web pages while adhering to WCAG and web performance standards.
- Architected a new microsite frontend built with Angular. Took a test-driven approach to development by conducting both unit, and end-to-end testing.

UI/UX Developer, Ur-Channel Broadcasting

Mississauga, Ontario – Sept 2016 - Sept 2017

- Delivered high-fidelity prototypes of application components built with Angular, and made them dynamic with data retrieved from API endpoints on the server..
- Constructed annotated wireframes to deliver visual representations of user interfaces to all stakeholders of the product team.

Technical Skills & Tools

JavaScript	Sass	HTML5
TypeScript	Angular	CSS3
React	Express	GraphQL
Ruby	Nest.js	WebDriverIO
Rails	MongoDB	Appium
Jest	PostgresQL	MSW
Node.js	Git/Github	

Education

Juno College of Technology

Toronto, Ontario – 2016

Frontend Development Immersive