

Drew Thompson *Software Developer*

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Summary

Senior Software Engineer with 10 years' experience building scalable fintech and enterprise applications. Specializes in frontend performance, reusable architecture, and cross-platform development, with a proven track record of leading launches that drove millions in client assets and streamlined operations. Early adopter of modern AI engineering practices — including model integration, RAG pipelines, prompt engineering, and tools like Claude Code, Cursor, and MCP — to accelerate development, improve reliability, and unlock new product capabilities. Passionate about collaborating with product, design, and engineering teams to deliver measurable business impact through technology and innovation.

Work Experience

2021 – Present
Toronto, Ontario

Wealthsimple Technologies Inc.

Senior Software Engineer

- Prevented millions in potential client losses of to date by contributing to 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.

2020 – 2021
Toronto, Ontario

Royal Bank of Canada

Senior Developer

- 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.

2019 – 2020
Toronto, Ontario

Normative Inc.

Senior Frontend Developer

- 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.

2018 – 2019
Toronto, Ontario

Entertainment One Ltd. (Secret Location Inc.) - Contract

Frontend Developer

- 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

2018 – 2019
Mississauga, Ontario

NewAge Products Inc - Contract

Consultant/Frontend Developer

- 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.

2018 – 2018
Toronto, Ontario

Benji - Contract

Frontend Developer

- 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.

2017 – 2018
Mississauga, Ontario

RB Audiobooks.com

Frontend Developer

- 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.

2016 – 2017
Mississauga, Ontario

Ur-Channel Broadcasting

UI/UX Developer

- 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.

Education

2016
Toronto, Ontario

Juno College of Technology

Web Development

Technical Skills & Tools

JavaScript

TypeScript

React

Ruby

Rails

Jest

Node.js

Angular

Express

Nest.js

MongoDB

PostgresQL

Git/Github

Claude Code

Cursor

MCP Integration

RAG

Prompt Engineering

HTML5

CSS

GraphQL