

Ross Hill

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PROFESSIONAL EXPERIENCE

Software Engineer *Next.js, TypeScript, GraphQL, Ruby on Rails, PostgreSQL* May 2023 - Present
Doormat Toronto, Ontario

- I'm helping build a seamless and intuitive user experience, contributing to Doormat's mission of making real estate law simple.

Software Engineer *TypeScript, Express, PostgreSQL, Vue.js* September 2022 - May 2023
Briza Toronto, Ontario

- Developed API client to integrate new insurance carrier into Briza's quoting platform
- Enhanced type safety across 6 carrier integrations, fixing numerous test payloads
- Optimized customer configuration by migrating feature flags from brokerage-level to API key-level
- Built RESTful endpoint for carrier logo retrieval
- Improved internal tools UI performance and UX with Vue.js

Full Stack Developer *React, Redux, Django, PostgreSQL* November 2020 - September 2022
Doctalk Toronto, Ontario

- Led UI and RESTful API development, software architecture, and cloud infrastructure initiatives
- Redesigned and rewrote the React front-end for MedAffairs Xchange, Doctalk's flagship application
- Developed a collaborative wiki featuring WYSIWYG editing and change tracking to enable medical residents to co-author notes
- Engineered a custom email generator with drag-and-drop functionality, rich text editing, auto-save, and draft management

Software Developer Intern *Java, Backbone.js, PostgreSQL* May 2019 - August 2019
Verafin Toronto, Ontario

- Created a software plugin that identifies high risk customers across hundreds of financial institutions based on transaction and biographical characteristics
- Made multiple upgrades and bug fixes to the user interface that were requested by Verafin clients

Software Developer Intern *React, Redux, .NET* Summers, 2017 and 2018
Nudge.ai Toronto, Ontario

- Created a web interface for Nudge employees to carry out administrative tasks such as managing users
- Implemented a system for receiving, verifying, and handling GDPR requests from users

PROJECTS

Mandelbrot Set Explorer *Rust, WebAssembly, Typescript* mandelbrot.site

- An interactive web application that lets you explore the Mandelbrot set fractal
- Features include setting max iterations and the number of worker processes to tune performance, rendering "Multibrot" sets by increasing the exponent parameter, and saving the fractal as an image

EDUCATION

Bachelor of Computing (Honours, Software Design) (SODE-P-BCH) September 2016 - April 2020
Queen's University Kingston, Ontario

SKILLS

Programming Languages: TypeScript, Ruby, Node.js, PostgreSQL, Python, GraphQL, Java, Rust
Libraries/Frameworks: React, Next.js, Ruby on Rails, Express, Svelte, Django
Infrastructure: Google Cloud Platform, GitHub Actions, Heroku, Redis, LogRocket, Sentry