


Will Mills

 Toronto, Ontario

 millswilliamrobert@gmail.com

 w-mills.github.io

Summary / Skills

I'm a Software Engineer based in Toronto, Canada. I'm the co-creator of RedPoint, a web native computational notebook. I have multiple years of experience in both the Ruby and JavaScript ecosystems, and am comfortable with GCP and Docker.

Frontend

JavaScript (ES6+), React/Redux,
Ember.js, HTML/CSS, jQuery

Backend

Ruby, Rails, Node.js, SQL,
MongoDB, Redis, Sinatra

Tooling

Git/Github, Docker, Linux,
WebSockets, RSpec, Agile,
JIRA, GCP, DigitalOcean

Professional Experience

2020 - Present **Software Developer, *Financelt***

- Automated processes to increase operational efficiency saving approximately 2000 hours of manual work per year
- Launched third party integration for online identity verification service to securely handle fintrac requirements
- Redesigned and updated internal QA tools to increase effectiveness and joy in using them
- Implemented internal services to auto-block or unblock loans from funding under various triggering scenarios
- Refactored and updated dynamically generated legal documents to comply with regional financial regulations

2019 - 2020 **Co-Creator, Software Engineer, *RedPoint Notebooks***

- Co-created a web-native computational notebook designed for sharing and presenting live programming notes
- Architected and implemented back-end server architecture using Node.js, Express, Docker, Redis
- Designed delimiter system to drastically improve performance of processing cell-based code for slotting output
- Created a client-server architecture model that uses Websockets for full duplex client-server communication
- Designed and built front end using responsive mobile-first principles in React.js
- Created a language collation system and a server-side queue to execute multiple languages with one click

2018 - 2019 **Full-Stack Web Developer, *Self-Employed***

- Developed various web applications for personal and OSS projects using Rails, React/Redux, SQL

EDUCATION

2005 - 2009 **B.A. Sociology, *Ryerson University, Toronto***