

TECHNICAL SKILLS

Languages: Ruby, Java, TypeScript, JavaScript, Node.js, SQL, Perl, HTML, CSS

Frameworks: Ruby on Rails, REStEasy, koa

Front-end Frameworks: React

Databases: PostgreSQL, Oracle DB, MySQL

DevOps Tools: Amazon Web Services (AWS), Github Actions, CircleCI, Docker, Ansible, Vagrant

APIs: GraphQL, REST

RELEVANT EXPERIENCE

ZayZoon

Senior Software Developer

Remote

Oct 2023 -

Worked in the Employer-focused pod on a Ruby on Rails monolith

- Worked as a full-stack developer on a Ruby on Rails monolith
- Rebuilt the single sign-on flow for worksite managers

Wealthsimple

Senior Software Developer

Toronto, ON

Apr 2021 - May 2023

Worked in the Client Domain on investment account opening

- Developed an API for extending core account types with features
- Developed a Node.js/TypeScript platform for building new account opening experiences
- Established technical north star for the Client Domain
- Worked on Ruby on Rails microservices

Development Manager

Apr 2019 - Apr 2021

Led teams in the Wealthsimple For Advisors Domain and the Client Domain

- Simultaneously led a full stack team of 5 engineers and a process automation team of 3 engineers
- Contributed to launching a new line of business regulated under the Mutual Fund Dealers Association of Canada
- Led a cross-functional team of 7 engineers working on onboarding and marketing
- Assisted in hiring for the Wealthsimple For Advisors and Clients Domains

Development Team Lead

Dec 2018 - Apr 2019

Led a full stack team of 4 engineers in the Wealthsimple For Advisors organization

- Developed new mutual fund process automation in PL/SQL and Java
- Assisted in hiring for the Wealthsimple For Advisors Domain

Software Developer

Mar 2017 - Dec 2018

Worked on the brokerage platform with a primary focus on trading processes, new investment products, mutual funds, and RESP account support

- Optimized two mission critical PL/SQL procedures to achieve a 120x speed-up in one procedure and a 7x speed-up in the other
- Developed a mutual fund order execution system in Java to enable a high interest savings account product
- Developed a new process for posting trades, saving approximately 4 person-hours per day and eliminating human error
- Worked on Ruby on Rails and Java microservices

Index Exchange

Software Developer

Toronto, ON

Feb 2016 - Mar 2017

Regular tasks included performing maintenance on production servers, planning security updates, investigating production issues, working on continuous delivery/integration initiatives and building automation tools for deployment and integrations.

- Developed and deployed browser-based self-testing application for integrating new partners in Perl
- Installed, configured, and maintained company's platform on over a thousand production machines, roughly 50% of the production fleet at the time
- Developed a new monitoring tool and an integration for a new partner
- Used Vagrant for testing internal deployments and server configurations

EDUCATION

University of Saskatchewan

Saskatoon, SK

Major Average: 91%

Completed 46 major credit units towards B.Sc. Computer Science

2014 - 2015

McGill University

Montreal, QC

CGPA: 3.50

Completed 45 credits towards M.Sc. Biochemistry

2010-2013

University of Saskatchewan

Saskatoon, SK

High Honours, Cumulative Average: 86%

B.Sc. Honours - Biochemistry & Microbiology

2006-2010

AWARDS

Graduate Excellence Fellowship

2011

Groupe de Recherche Ax sur la Structure des Protine Recruitment Award

2010

Provosts Graduate Fellowship

2010

NSERC PGS - Masters Scholarship

2010

College of Medicine Undergraduate Summer Research Scholarship

2009

Good Spirit REDA Centennial University Scholarship

2007

University of Saskatchewan Guaranteed Entrance Award

2006