Christian Baran

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GitHub: https://github.com/ctbaran

RELEVANT EXPERIENCE

Wealthsimple — Toronto, ON

Senior Software Engineer — *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
- Worked on Ruby on Rails microservices
- Established technical north star for the Client Domain

Engineering 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

Engineering 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

Software Engineer — *Mar 2017 - Dec 2018*

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

- 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 that saved approximately 4 person-hours per day
- Worked on Ruby on Rails microservices

Index Exchange — Toronto, ON

Software Engineer — *Feb 2016 - Mar 2017*

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

- 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

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*