

Josh Bishop

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EXPERIENCE

Senior Backend Software Developer

Scotia Digital – Scotiabank

Toronto, ON

June 2022 – Present

- Reduced response times of a core product by over 60% by implementing several API optimizations, including response compression, parallel processing, and data prefetching.
- Revamped and enriched project documentation, alleviating a significant pain point in the onboarding process for new team members.
- Led the design and development of a high-impact cross-functional project, streamlining workflows and reducing manual tasks for teams across departments.
- Collaborated with product managers to ideate and craft project features based on user feedback.

Senior Software Developer

Royal Bank of Canada

Toronto, ON

August 2020 – June 2022

- Supervised and provided project direction to co-op students, junior team members, and offshore contractors.
- Designed and developed cohesive end-to-end processes connecting multiple applications and organizations to minimize manual tasks in financial operations.
- Worked closely and continuously with clients to outline requirements, develop user stories, and steer project direction.

Software Developer

Royal Bank of Canada

Toronto, ON

January 2018 – August 2020

- Designed and developed robust ETL applications using .NET Core to replace antiquated manual processes.
- Developed and maintained both server-side and desktop Java applications to automate manual processes, saving hundreds of human-hours per week.
- Automated a resource-intensive manual hygiene process, significantly reducing the impact to production resources and saving approximately 20 human-hours per week.
- Supported and maintained an enterprise application that facilitates millions of transactions everyday.

Technical Systems Analyst Co-op (Mainframe Operations)

Royal Bank of Canada

Toronto, ON

May 2017 – August 2017

- Rolled out upgrades to mainframe system utilities across multiple environments.

Database Developer Co-op

Bond Brand Loyalty

Mississauga, ON

January 2016 – December 2016

- Developed efficient stored procedures, functions, and SQL queries to fit growing business needs and fulfill client requests.

PERSONAL PROJECTS

CloudyFiles (Go, JavaScript)

Self-hosted file storage application with accompanying web interface built using Go templates.

InterviewBytes (Next.js, React, PostgreSQL)

Interview experience aggregation platform averaging over 1,000 monthly visitors, dedicated to providing job seekers with insights into company interview processes.

EDUCATION

Computer Systems Technology: Systems Analyst

Sheridan College

Brampton, Ontario

January 2015 – December 2017

- Received the Academic Award of Excellence for the 2016 – 2017 academic year.