

# Josh Bishop

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## EXPERIENCE

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### Senior Software Developer (Automation)

Royal Bank of Canada

Toronto, ON

August 2020 – Present

- 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 (Automation)

Royal Bank of Canada

Toronto, ON

March 2019 – August 2020

- Designed and developed robust ETL applications using .NET Core to replace antiquated manual processes.
- Developed intuitive full-stack MVC web applications using .NET Framework.
- Promoted in August 2020 after successfully leading multiple projects from inception to production, within budget and free of defects.

### Technical Systems Analyst / Developer (Digital Cheque Processing)

Royal Bank of Canada

Toronto, ON

January 2018 – March 2019

- Developed and maintained both server-side and desktop Java applications to automate manual processes, saving hundreds of person-hours per week.
- Automated a resource-intensive manual hygiene process, significantly reducing the impact to production resources and saving approximately 20 person-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.

### Technical Services Specialist 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.
- Created dashboards to monitor internal processes and automate daily tasks.

## PERSONAL PROJECTS

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- **MaybeLater** (Node.js, Express, GraphQL, PostgreSQL, Web)  
Chrome extension to save hyperlinks to a PostgreSQL database through a Node.js GraphQL API for later viewing.
- **SegViewer** (Node.js, AWS Lambda, OAuth2, Web)  
Uses Strava's OAuth2 service and public API to displays a user's saved segments in a map view

## EDUCATION

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### 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.