

# Christopher Marcotte

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## Work Experience

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### Application Developer

SUN LIFE

Waterloo, ON • May 2019 - Present

Java, JavaScript/React, Elixir

- Member of **Canadian Accelerator initiative** developing POC web app designed to help with financial planning
- Application was developed and designed from scratch using **React**, **Java Spring Boot**, and **MongoDB** stack
- Reviewed code from other developers to ensure highest quality of production application
- Created new unit and E2E tests using Jest, JUnit, and Selenium to ensure proper code coverage for new features
- Performed **full-stack development** and design of new features for separate MVC web app managing annuity payments
- Investigated acquired financial planning application in Elixir and React and presented results to stakeholders

### Software Engineer

NCR CORPORATION

Waterloo, ON • Jan 2018 – Sept 2018

Java, Docker, Kubernetes, Bash

- Created new endpoints for backend APIs used in production to perform transactions from banking interfaces
- Deployed completed features to **Docker** images run in **Kubernetes** clusters utilizing continuous integration (CI)
- Active member of PI/Sprint planning and design discussions within large scale **Agile Scrum** environment
- Incorporated OAuth2 security features using JWT token information and enabled security across Java Spring Boot **microservice** stack
- Collaborated with QA development team to create unit and integration tests ensuring complete business cases
- Updated AngularJS proof of concept (POC) application used to showcase new features to the client

### Software Developer/IT Technician

RISOLV IT SOLUTIONS

Guelph, ON • Apr 2017 – Sept 2017

PHP, JavaScript, HTML/CSS, Python

- Designed, created, and implemented new company-wide software to streamline internal time-tracking and ticketing
- Projects were created using mainly PHP, JavaScript, HTML, CSS, Powershell, Python, SQL and required the use of both **RESTful** and **SOAP** based APIs to interact with existing systems
- Developed scripts to improve efficiency of data-intensive repeating tasks or XML configuration file changes

### IT Support Specialist

MCKELLAR STRUCTURED SETTLEMENTS

Guelph, ON • Apr 2016 – Dec 2016

Visual FoxPro, TCP/IP

- Debugged and resolved defects in Visual FoxPro language for internally developed software
- Gained extensive networking knowledge maintaining & upgrading company-wide network infrastructure
- Assisted in web development process during overhaul of company website

## Education

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### Bachelor of Computing, Computer Science Honours

UNIVERSITY OF GUELPH

Guelph, ON

Sept 2014 – May 2019

- Entrance Scholarship from University of Guelph for Exceptional Grades
- Dean's Honour List

## Top Skills

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**Languages/Frameworks:** Java, C/C++, Python, JavaScript/HTML/CSS, PHP, SQL, Bash, C#, React/Angular, JSON, XML  
**Tools & Technologies:** Docker, Kubernetes, Git, Jenkins, Maven, RHEL/Debian, RESTful/SOAP, JIRA, VM Management