Christopher **Marcotte**

✉ chris@marcotte.tech | 📱 226-924-4793 | 📍 Waterloo | 🔗 christophermarcotte.com

Skills

Languages: Java, C/C++, Python, JavaScript/HTML/CSS, PHP, SQL, Bash, C#, R, Swift, JSON, XML
Tools & Technologies: Docker, Kubernetes, Git, Jenkins, Maven, RHEL/Debian, RESTful/SOAP, JIRA, Azure Cloud

Work Experience

Application Developer   *Waterloo, ON • May 2019 - Present*
SUN LIFE FINANCIAL   *JavaScript, Java/J2EE, SQL*
- Performed full-stack development and design of new features for web application interacting with multiple cloud web-services and relational databases
- Collaborated with senior developers and business leaders to implement infrastructure changes across environments
- Developed new features tracked in Jira, merged using git source control, and deployed using Jenkins build server
- Created new unit and E2E tests using JUnit and Selenium to ensure proper code coverage for new features

Software Engineer   *Waterloo, ON • Jan 2018 – Sept 2018*
NCR CORPORATION   *Java, Docker, Kubernetes, Bash*
- Developed new features for backend APIs used in production to perform transactions from various interfaces
- Deployed completed features to Docker images run in Kubernetes multi-node clusters utilizing automated build server
- Active member of PI/Sprint planning and design discussions within large scale Agile Scrum continuous integration (CI)
- 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/Technician   *Guelph, ON • Apr 2017 – Sept 2017*
RISOLV IT SOLUTIONS   *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   *Guelph, ON • Apr 2016 – Dec 2016*
MCKELLAR STRUCTURED SETTLEMENTS   *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

Bachelor of Computing, Computer Science Honours (Co-op)   *Guelph, ON*
UNIVERSITY OF GUELPH   *Sept 2014 – May 2019*
- Entrance Scholarship from University of Guelph for Exceptional Grades
- Dean's Honour List

Projects

Final Space Blasters *iOS 2D Space Shooter game*   *iOS, Swift, Spritekit*
UNameIt *Web app created to practice full-stack JavaScript development*   *React, Node.js, MongoDB*
Website/Home Lab *Currently run network of servers for personal hosting*   *HTML/CSS/JS/jQuery/ESXI/Docker*