

Justin Lessard

SENIOR SOFTWARE ENGINEER

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[Summary]

Highly-skilled software engineer with 8+ years of experience specializing in full stack development and devops. I have been repeatedly recognized as a fast learner with exceptional problem solving skills who is able to produce clean, testable, and efficient code. My fields of interest include hacking/security, FinTech and learning about new tools and technologies.

[Skills]

Technologies C# – JavaScript – TypeScript – Linux – Docker – Kubernetes – SQL – Redis – Apache Kafka
Languages English – French

[Experience]

Software Engineer

Remote, Canada

POINT S CANADA

July 2018 - To Date

- Lead engineer on a project to decompose a monolithic application into efficient and scalable microservices using service-oriented architecture (SOA) and event-driven architecture.
- Improved our API's performances by up to 90% by refactoring existing code to use more suitable algorithms and data structures.
- Vastly reduced troubleshooting time by standardizing our logging, monitoring, tracing and alerting tools. This led to an improved development velocity for our engineering teams, and decreased downtime for our platform.
- Engineered the infrastructure to build, package and deliver our code to a hybrid on-premises & cloud environment using automated CI-CD which allowed us to greatly accelerate our delivery and remove unnecessary downtime.

Full Stack Developer

Varenes, Canada

MAESTRO TECHNOLOGIES

May 2016 - July 2018

- Participated in the development of a single page web application designed specifically for mobile devices using ES6 and TypeScript.
- Spearheaded the creation of a native mobile application for iOS and Android for our proprietary issue and project tracking software.
- Built, documented, and maintained RESTful APIs to interact with Maestro's core ERP solution.
- Worked to ensure the best availability and resiliency of services, even in the case of an interruption of cellular or wifi connection; the nature of the application makes it prone to network disruption, while being critical to our users.

Intern – Software Developer

Montreal, Canada

TC TRANSCONTINENTAL

August 2015 - January 2016

- Implemented a warehouse management system in *Python* and developed custom ERP modules.
- Increased logistics operations efficiency by 30% by automating key processes such as the integration of our software with shipping services' API.

Full Stack Developer

Brossard, Canada

LSCI INC.

March 2013 - December 2015

- Worked with various customer, including *McDonald's Canada* and *The Canadian Armed Forces* to build custom solutions.
- Participated in every phase of software development, including collaboration with the customer, design, architecture, data modeling, development and testing.

[Education]

B. Sc. of Computer Science

Montreal, Canada

UNIVERSITÉ DE MONTRÉAL

September 2014 - April 2017

- Member of the *Computer Security Club* of the university, in which I participated in hacking challenges and CTF weekly.
- Including courses in quantum computing, functional programming, computer security, artificial intelligence and 3D computer graphics. Learned *Java*, *C++*, *Python*, *Haskell*, *Assembly* and more.

Technical DCS in Computer Science

Longueuil, Canada

COLLÈGE ÉDOUARD-MONTPETIT

September 2011 - May 2014

- Equivalent to an associate degree. Learned *C#*, *Java*, *SQL* and web technologies.