

## SKILLS

- Java, Spring, React, Cloud Foundry, Git, JavaScript, Linux, SQL

## EXPERIENCE

## SAP

## Software Engineer II

March 2020 - September 2024

- Re-designed and migrated monolithic on-premise applications to cloud native applications using microservice architecture, deployed on **Cloud Foundry**.
- Technical lead on a web application utilizing **Spring Boot**, **React**, and **Cloud Foundry**.
- Created automated test suites for backend and frontend applications using **JUnit**, **Jest**, and **Cypress**, with **SonarQube** monitoring and reporting.
- Addressed production bugs and improvements for existing **React** and **Java** applications.
- Utilized **Kibana** for debugging and monitoring of cloud production applications.

## MDA Systems

## Software Engineer I

Sept. 2019 - March 2020

- Full-stack developer designing interactive aeronautical charts for mission critical systems.
- Enhanced the **AngularJS** frontend with features including boundary recognition, resizing.
- Maintained build and pipeline health through **Jenkins**.

## Royal Canadian Mounted Police

## Software Engineer I

May 2018 - Sept. 2019

- Developed full-stack features utilizing **JSF** and **PrimeFaces** to deliver the new Canadian Firearms Reference Table.
- Implemented unit and integration tests with **JUnit**.
- Setup performance monitoring scripts through **JMeter** to analyze stress and load scenarios.

## SUNLAB Research (NSERC), University of Ottawa

## Research Assistant

Oct. 2018 - Apr. 2019

- Created a simulation capturing the efficiency of a bipolar solar panel based on data collected from live test sites using **Java**, **HTML**, **Typescript**, and **MySQL**.
- Designed **JUnit** test scripts to monitor the functionality and health of devices and databases.
- Presented to bankers, researchers, and investors the results of the project.

## NOKIA (Intern)

## Software Designer

Sept. 2017 - May 2018

- Used **Jaspersoft** and **MySQL** to create automated analytical reports for large clients regarding their network information and status.
- Simplified node updates for the Cloud Mobility platform through creation of **CLI** scripts.
- Utilized **Splunk** to assist with data collection and analysis with the Nokia Analytics team.
- Developed Chrome extension for an in-browser NOKIA terminology dictionary.

## Communications Research Centre (Intern)

## R&amp;D Engineer

Jan. 2017 - Apr. 2017

- Development of a new sensor configuration UI using **Java**, **JavaScript**, **HTML5**, and **CSS**.
- Set-up and managed equipment for test sites such as engineered surfaces, DragonWave radios, antennas, transceivers, and spectrum analyzers.
- Created scripts collecting live data from sensors and managed inside IBM cloud database.
- Used collected spectrum data to find solutions on spectrum allocation for Industry Canada.

## EDUCATION

University of Ottawa

B.A.Sc. in Electrical Engineering.