

## SKILLS

- **Java, Spring, Spring Boot, TypeScript, JavaScript, NodeJS, SQL, Python**

## EXPERIENCE

### SAP

### Software Engineer II

March 2020 - September 2024

- Redesigned 7 applications as part of migration from on-premise ABAP systems to cloud native, **Java, React, TypeScript** systems.
- Grew from individual contributor on small systems to technical lead on large projects.
- Revamped Partner Engineering DevOps practices by standardizing tools such as **Kibana** and **Dynatrace** to monitor cloud systems.
- Launched SAP Usage Explorer, an internal project built on **Django** and **React**, endorsed by SAP's Chief Design Officer.
- Led the internship program for Partner Engineering, overseeing hiring and mentoring of new interns.
- Founded SAP's "Dev and Chill" series where developers participate in live code sessions.

### MDA Systems

### Software Engineer I

Sept. 2019 - March 2020

- Designed interactive aeronautical charts for mission critical systems using **TypeScript** and **Perl**.
- Developed the frontend **Angular** system from concept to release.

### Royal Canadian Mounted Police

### Software Engineer I

May 2018 - Sept. 2019

- Redesigned the Canadian Firearms Reference Table using **Spring Boot** and **React**, serving millions of Canadians.
- Established the developer experience process by documenting code-standards, workflow processes and tooling.

### SUNLAB Research (NSERC), University of Ottawa

### Research Assistant

Oct. 2018 - Apr. 2019

- National Science and Engineering Research Council scholarship recipient.
- Collaborated with esteemed researchers to collect and analyze data from solar systems, developing full-stack **Java** and **JavaScript** applications to present and control solar system efficiency, including bifacial solar panels.

### NOKIA (Intern)

### Software Designer

Sept. 2017 - May 2018

- Automated the entire cloud mobility upgrade process for network nodes through a mix of **shell scripts** and **Java**.
- Launched a new feature for Nokia Analytics, integrating metadata with Jaspersoft reports for automated reporting on customer licensing.

## EDUCATION

### University of Ottawa

### B.A.Sc. in Electrical Engineering.

- Graduated cum laude.