

Joseph Abonasara

(613) 413-2132 / abojos23@gmail.com / Ottawa, Ontario

LinkedIn: [linkedin.com/in/josephsa/](https://www.linkedin.com/in/josephsa/) **GitHub:** github.com/josephabonasara **Portfolio:** josephabonasara.github.io/

EDUCATION

2019 – Dec 2023
University of Ottawa
B.A.Sc. in Software Engineering

- GPA – 9.64/10.0
- Dean's Honour List

SKILLS

Languages Java, Python, Kotlin, Bash, TCL, Go, C, C#, C++, SQL, HTML, CSS, JavaScript
Frameworks Rest, React.js, Node.js, Angular, Spring Boot, Junit, Cucumber, Selenium
DevOps Kubernetes, Docker, Kustomize, Jenkins
Database SQL, Mainframe, DB2, VSAM, PostgreSQL
Others Git, Linux, Data Structures, Algorithms, English, French

EXPERIENCE

May 2023 – Present
Ottawa, Ontario
Nokia
Software Developer Co-op

- Designed and implemented automated tests using Java, REST, and Cucumber.
- Gained hands-on experience working with REST, Postman, Kubernetes, and JUnit.

Jan 2023 – Present
Ottawa, Ontario
University of Ottawa
Teaching Assistant

- TA and lab instructor for Operating Systems (CSI 3131) and Quality Assurance Testing (SEG 3503).

May 2022 – Aug 2022
Remote
Twitter
Software Engineering Intern

- Developed a one-step automation tool for cluster creation using Bash, Kubernetes, and Kustomize.
- Utilized Python to enhance cluster monitoring by writing custom CQL commands and updating cluster dashboards with comprehensive metrics.
- Successfully deployed production clusters by following efficient workflow practices, ensuring smooth and reliable operations.
- Integrated Splunk logging into CockroachDB clusters, enabling centralized and advanced logging capabilities for effective debugging and performance analysis.

Aug 2021 – Dec 2021
Ottawa, Ontario
Solace
Software Developer Co-op

- Actively contributed to the improvement of Solace Messaging APIs in languages such as Go, C#, and Python.
- Developed software solutions using a diverse set of programming languages, including Java, Python, Go, C#, and C++.
- Acquired hands-on experience in running automation tests against the Solace framework by utilizing TCL scripts, ensuring the reliability and functionality of the messaging system.

May 2020 – Aug 2021
Ottawa, Ontario
Canada Revenue Agency
IT Developer Co-op

- Developed Java program that automated daily tasks within the Amendments team, significantly improving time efficiency and productivity.
- Gained hands-on experience with a wide range of technologies including COBOL, XML, JCL, SQL, Mainframe, DB2, VSAM, Batch Processing & Scheduling, and CICS.