

Joseph Abonasara

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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 <ul style="list-style-type: none">GPA – 9.64/10.0Dean's Honour List
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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 <ul style="list-style-type: none">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 <ul style="list-style-type: none">TA and lab instructor for Operating Systems (CSI 3131) and Quality Assurance Testing (SEG 3503).
May 2022 – Aug 2022 Remote	Twitter Software Engineering Intern <ul style="list-style-type: none">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 <ul style="list-style-type: none">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	Canada Revenue Agency IT Developer Co-op <ul style="list-style-type: none">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.