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| **Joseph Abonasara** | |
| (613) 413-2132 / [abojos23@gmail.com](mailto:abojos23@gmail.com) / Ottawa, Ontario  **LinkedIn:** [linkedin.com/in/josephsa/](https://www.linkedin.com/in/josephsa/) **GitHub:** [github.com/josephabonasara](https://www.github.com/josephabonasara) **Portfolio:** [josephabonasara.github.io/](https://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**  **Frameworks**  **DevOps**  **Database**  **Others** | Java, Python, Kotlin, Bash, TCL, Go, C, C#, C++, SQL, HTML, CSS, JavaScript  Rest, React.js, Node.js, Angular, Spring Boot, Junit, Cucumber, Selenium  Kubernetes, Docker, Kustomize, Jenkins  SQL, Mainframe, DB2, VSAM, PostgreSQL  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. |
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