

JEREMIAH SABINO

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SOFTWARE DEVELOPER

Software Developer with a focus on building accessible, beautiful applications and delivery of high-quality code solutions. Enhance efficiency and clarity by prioritizing thorough documentation to streamline working processes. Available to relocate or work remotely.

Expertise includes:

- Object-Oriented Design & Programming;
- Root Cause Analysis (RCA);
- Continuous Integration / Continuous Deployment (CI / CD) Version Control;
- Quality Assurance & Testing;
- Technical Documentation & Presentations.

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript / HTML / CSS, Ruby, Shell Scripting (Bash), TypeScript, Rust
- **Development Tools / Frameworks:** React, Angular, GitLab, Jenkins, Travis CI, Jira, Docker, VMWare VSphere, TestRail, Gradle, Groovy, Jasmine
- **Other:** Red Hat Linux , Red Hat Package Manager (RPM), Unix, Virtual Machines, Terraform, Kernel, User Interface / User Experience (UI / UX) Design

PROFESSIONAL EXPERIENCE

Backend Software Developer, Security Intelligence Division
IBM CANADA, Fredericton, NB

Jan 2023 - Sep 2023

Developed with the team responsible for Install/Patch packaging, Network Setup, High Availability and Offboard Storage for QRadar SIEM.

- Debugged and resolved .iso and .sfs package issues for SIEM software on Red Hat Linux, utilizing VMWare VSphere virtual environments;
- Wrote a Python script for Red Hat Linux systems to auto-blacklist outdated kernel modules, aligning with stringent security protocols;
- Resolved defects using root cause investigation, reducing customer facing bug tickets in team backlog 70% across 5+ product version releases;
- Enhanced Linux system security by upgrading the kernel to mitigate vulnerabilities;
- Refactored legacy codebase, improving maintainability and speeding up future development

Software Developer Intern**IBM CANADA, Fredericton, NB**

Jan 2022 - Mar 2022

- Developed automation tests written in Groovy, to ensure continuous verification of product functionality;
- Contributed to a project-wide initiative in migrating RPMs in preparation for the SIEM product to run in an upgraded Red Hat OS environment;
- Utilized the Jenkins CI/CD pipeline, JIRA and VMWare to ensure on time delivery of iso/sfs releases.

Quality Assurance Intern**IBM CANADA, Fredericton, NB**

Jan 2021 - Sep 2021

- Configured Linux system environments to support various test scenarios for Red Hat installations and patches;
- Formulated and delivered presentations for test plans in preparation for the release of Python migration from v2 to v3 and secure boot;
- Performed regression testing, enhancing stability of 4 new product version releases and identified / reported critical defects and inconsistencies for overall improved software quality.

Associate Software Engineer Intern**INTROHIVE SERVICES, Fredericton, NB**

Jan 2020 - Apr 2020

Performed maintenance and defect resolution for Introhive customer relationship management (CRM) tool. Gained valuable full-stack development experience using multiple frameworks and languages.

- Contributed to codebase development and maintenance as a back-end developer, executing feature implementations and bug fixes
- Developed an internal front-end Angular component library to standardize and re-use components across all front-end projects;
- Assisted in the formulation and execution of test-cases prior to a new release for quality assurance purposes.

EDUCATION

Bachelor of Computer Science (BCS), Co-op, University of New Brunswick, Fredericton, NB

- Graduated First Division, GPA 3.7+;
- Dean's List 2018-2022 (maintaining a GPA average about 3.7/4.3)