# **Senior Quality Engineer**







#### Who are we?

Have you ever wondered what makes trading and settlement possible in Canada? It's Fundserv—the online ecosystem that ensures every fund transaction is processed timely, accurately and securely. We're an online hub that electronically connects manufacturers, distributors, and intermediaries, enabling them to buy, sell, and transfer investment funds.

#### **Our Culture & Values**

Fundserv is guided by our four core values: Collaboration, Adaptability, Integrity, and Respect. Because above all else, Fundserv CAIRs:

- Collaboration
- Adaptability
- Integrity
- Respect

### **Benefits & Perks**

Fundserv provides a comprehensive benefits plan that includes the following:

- Health care spending account
- RRSP with employer match
- Annual performance pay
- Wellness reimbursements
- Employee discount program
- Charitable donation matching
- Flexible hours & remote work options

To better support our employees during Covid-19, we've expanded our benefits:

- Work from home stipend
- Virtual social events including escape rooms, online trivia & games
- Corporate-wide mental health days
- Wellness account for gym memberships, exercise/sports equipment, mental health apps, and more

## Location:

Downtown Toronto

Reports to: Manager, Software

Engineering

needs.

**Department:** Quality Engineering

Fundserv is an equal opportunity employer. We welcome and encourage applications from individuals with disabilities.

Accommodations are available on request – please let us know how we can meet your

# The Opportunity

Fundserv is embarking on a multi-year, multi-million dollar technology transformation program that focuses on currency, resiliency, security and agility. This ambitious transformation will completely redesign every façade of Fundserv's platform. We follow the Agile methodology principles, the collaborative practices of DevSecOps and will be leveraging the latest technologies and tools, such as a hyper-converged infrastructure, software-defined network, cloud, containers and APIs, enabling Fundserv to serve the industry better, and adapt to this ever-changing technology and investment landscape.

The Senior Quality Assurance Engineer works closely with Project Managers, Product Owners, Business Analysts & Software Developers in an agile team to ensure the development of high-quality, low-defect applications. Test expertise is used in the planning & creation of quality assurance test strategy and plans and the development and execution of test cases to ensure that defects are reported as early in the development cycle as possible. This role ensures that all internally developed applications are functioning as per functional and non-functional requirements and any defects are captured in the test case management software for prioritization & reporting.

The Senior Quality Engineer is also responsible for enhancing a custom Java/Selenium automation

The Senior Quality Engineer is also responsible for enhancing a custom Java/Selenium automation framework (FAST) to ensure that it provides the features that are needed for the different types of testing requirements. The main success criteria for this role is to ensure that a risk-based testing approach is used during the testing cycle that maximizes the utilization of automated tests and coverage achieved.

## In this role, you will:

- Create an automated test plan & strategy creation using a risk based agile approach
- Active participation in sprint planning, sprint demos and retrospectives to ensure continuous improvement
- Analyze business and design requirements and user stories
- Create effective test scripts that are complete, accurate and consistent
- Analyze test results to ensure existing functionality and recommend corrective action
- Maintain an open communications channels with all stakeholders to ensure the applications are at the highest possible level of quality
- Periodic review of the testing methodology to ensure the most optimal results.
- Enhance Automated test framework to ensure capabilities alignment with test strategy
- Perform automated testing script creation and maintenance
- Execute Load, Stress Test and Performance testing and document and analyze results
- Participate in disaster recovery and high availability testing and operational readiness exercises
- Run and maintain test automation scripts for regression testing.
- Report bugs, track defects, resolve issues
- Track problem reports using issue tracking software
- Keep track of new or modified requirements/user stories
- Collaborate with developers and product owners to create responsive and compelling user interactions.
- Participate in software design reviews and sprint demos and elicit stakeholder feedback
- Participate in architectural and software design reviews to understand the technical flows and testing scope
- Provide mentorship and guidance to other members of the team
- Where required, provide recommendations, explanations, guidance to other teams in the organization

### Why YOU are the person we're looking for

- Possess a Bachelor's degree/college diploma in IT or relevant experience
- Prior test experience (5-7 years)
- Knowledge of industry standard SDLC and Testing Methodologies an asset
- Experience building, maintaining, and adding capabilities to a Java/Selenium test automation framework – strong Java skills are a must
- Experience with automation and manual testing of web-based and back-end applications
- Worked in a high paced agile environment with a focus on continuous delivery
- Experience with testing REST APIs hosted in an API Management software in a cloud environment like Azure
- Basic knowledge of the Linux operating system and command line operations
- Experience with JavaScript testing frameworks like protractor/jasmine is an asset
- Experience with following technologies:
- Azure Data Services, REST APIs, sFTP, Apache Tomcat, LDAP, XML/JSON data formats
- Experience with Jira, Confluence, Git, Qtest, cucumber and Jenkins is an asset
- Knowledge of oracle, azure data lake and/or other relational or NoSQL databases
- Working experience implementing test code within a continuous integration and delivery pipeline
- Knowledge of Kubernetes and docker containers is an asset
- Strong verbal and written communication and interpersonal skills.
- Technically proficient and highly logical.
- Demonstrates a high degree of initiative, self-motivated and directed.
- Keen attention to detail.
- Proven analytical, problem-solving, and critical thinking abilities
   Ability to work with complex or ambiguous information.
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- Ability to effectively prioritize and execute tasks in a high-pressure environment
   Ability to work both independently and in a team-oriented, collaborative environment
- Flexible and adaptable with regards to learning and understanding new technologies.
- Open to discussion and able to provide prompt positive or constructive feedback
- Mentoring skills (ability to share information and knowledge, encourage and inspire others)
- Open to discussion and able to provide prompt positive or constructive feedback

If this sounds like you, apply today at hiring@fundserv.com.