Position: **Senior QA Test Engineer**

Company: **Gatekeeper Systems Inc.**

Location: **Abbotsford, BC**

Type: **Full Time - Permanent**

Who We are:

Building Safer & Smarter Communities

Gatekeeper is a leading provider of intelligent video and data solutions designed to provide a safer transportation environment for children, passengers, and public safety personnel on multiple transportation modes. The Company uses AI, video analytics, thermal cameras, and mobile data collectors to inter-connect public transit assets as part of intelligent transportation systems in a Smart City ecosystem. The Company is at the forefront of innovation and is utilizing new technologies to make cities more efficient and safer, such as its Automated Lane Enforcement solution for transit buses (ALE™). The Company's video and data solutions and its Platform-as-a-Service (PaaS) business model are enabling the transformation of transportation systems into intelligent transit and Smart Cities.

As an innovative technology company located in the heart of the beautiful Fraser Valley in Abbotsford, BC, this dynamic and fast-growing organization offers a unique blend of leading-edge technology and expanding career opportunities in a collaborative, team-based environment. Join us and you'll work with seasoned professionals and engaged new talent on challenging and rewarding value-driven projects.

Gatekeeper is listed on TSX-V:GSI and OTC:GKPRF. For more information on the company, check out our website www.gatekeeper-systems.com

The Position:

This role involves full life cycle testing from initial design to product release. This is an ideal opportunity for the right person to bring industry best practices in testing and quality assurance to a dynamically evolving product development team.

As a Senior QA Test Engineer, you will play a critical role in ensuring the quality and reliability of our products through effective test planning, test case design, and automation testing. You will collaborate with cross-functional teams, including developers, product managers, and other stakeholders, to identify and address software defects and ensure a seamless user experience.

Key Duties and Responsibilities:

- Create and maintain test plans, specifications and test cases with input from the product/design team.
- Liaise with developers to understand product design and identify test requirements and scope for the generation of test plans and specification.
- Identify test deliverables, milestones, and timelines.
- Design test scenarios to simulate real-world usage and edge cases.
- Ensure traceability between requirements and test cases.

- Write and perform test plans and test cases for functional and system testing and carry out root cause fault analysis.
- Develop and maintain automated test scripts using industry-standard tools and frameworks.
- Execute automated test cases to validate software functionality, performance, and reliability.
- Debug and characterize software defects.
- Identify and report actual or potential product defects.
- Identify, document and track system, hardware and software defects encountered during testing.
- Participate in design and defect review meetings with developers and other company personnel.
- Coordinate with design, project and product management personnel to ensure product testing is carried out to the highest levels.
- Participate in QA process improvement activities by applying established software quality assurance analysis and procedures.
- Support customer service with handling, resolving and documenting reported customer problems.

Education and Qualifications / Experience:

The ideal candidate will have a University Degree in Software Engineering or related discipline or equivalent experience and at least 5 years of experience (or equivalent) in a product development environment with a background in the development of test strategies for products spanning hardware, firmware and PC based applications.

- Proven experience as a Software Tester or similar role, with a focus on test planning, test case design, and automation testing.
- Strong knowledge of testing methodologies, tools, and processes.
- Experience with security testing such as scanning, looking for vulnerabilities in applications is a plus. Proficiency in at least one scripting or programming language used in test automation (e.g., Python, Java, C#).
- Proficient in test automation using tools such as Selenium, JUnit, TestNG, or similar.
- Familiarity with both Windows and Linux environments, including command-line usage.
- Exposure to full life cycle product test in a product development environment with system test experience in hardware, embedded firmware and application software and their interactions.
- Knowledge of networking systems, protocols etc.
- SCM experience utilizing bug tracking and source code versioning systems.
- Comfortable setting up and maintaining computer hardware, operating systems and networks to support testing.
- Proficient with standard Microsoft and Linux Development tools; Visual Studio, Project, Visio etc.

Candidates should also have a valid passport, driver license and ability to travel to the US and in Canada.

Non-technical Competencies:

Ideally you will have excellent team player, interpersonal and written communication skills, be a self-starter and able to work with minimal supervision and to tight deadlines. Key to success in this role will be the ability to think analytically, collaborate with others and problem solve effectively.

Benefits:

Imagine working for a company where you can learn, grow and make a difference in an easy to access location with free parking, close to all the amenities of Vancouver, BC but away from the urban crush. In addition, we offer a diverse and equal opportunity workplace plus:

- A competitive salary package
- Extended health, dental and vision coverage
- Travel, life and illness insurance

- Career growth opportunities through mentoring, supported professional development and respectful feedback
- A casual work environment
- Successes celebrated with social events and fun activities
- Flexible work schedule
- A collaborative and inclusive work environment

Salary range:

- $75,000.00 to $90,000.00 depending on experience

How to apply:

If you are passionate about technology, customer satisfaction, and want to be part of a really great team, we encourage you to apply for this exciting opportunity to contribute to our company's success.

Qualified applicants can reply to this job posting or via email to careers@gatekeeper-systems.com quoting the job title in the subject line.

Gatekeeper Systems is an equal opportunity employer. While we thank all interested candidates only those who are short-listed will be contacted for this position.

OFFICE	**PHONE**	**WEBSITE**
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