

## JOB DESCRIPTION

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|-----------------------------|---------------------------------------|
| <b>Title of Position</b>    | <b>Quality Assurance Specialist</b>   |
| <b>Department</b>           | <b>R&amp;D</b>                        |
| <b>Immediate Supervisor</b> | <b>Director, Engineering, R&amp;D</b> |
| <b>Location</b>             | <b>Blainville, QC</b>                 |

### Summary of the Role:

The Software Quality Assurance Specialist (SQA) supports R&D team in analyzing, designing, building and testing the ArkAngel Platform to meet and exceed our customer expectations. This is an exciting opportunity for you to make your mark in a fast-paced and growing software engineering organization. The SQA Specialist will review functional requirements and user stories from Product Manager; design test plans, write test cases, oversee test strategies and perform testing for assigned ArkAngel components. The SQA Specialist will submit and verify defects, maintains documentation of test results to assist in debugging and modification of ArkAngel Platform analyzes test results to certify existing functionality and integrations and recommends corrective action upon failures. Testing will include functional and nonfunctional, integration, regression, system, smoke and sanity testing. The QSA Specialist will perform his diverse activities in collaboration with the Principal System Architect and according to Hitachi Systems Security global business vision and sound software engineering principles.

### Primary Responsibilities:

- Design functional and non-functional test cases that verify requirements and validate functionality
- Analyze user stories and technical requirements for validity, feasibility and technical soundness and decompose them to extract positive and negative test scenarios and strong acceptance criteria
- Detect, report, and track software defects
- Execute all levels of testing including but not limited to: System, Integration; Component Level Regression
- Use methodical and repeatable processes to verify releases meet quality standards before launch
- Apply Quality Engineering principles throughout the agile product life cycle to identify defect and design flaws
- Collaborate with the development team to improve the quality of the deliverables and ensure the business needs are met.

### Qualifications Required/Asset:

- Bachelor of Engineering (BEng) or equivalent diploma;

- 2 - 5 years of enterprise software testing experience or equivalent
- Member of the *Ordre des Ingénieurs du Québec*, an asset;
- Experience in Acceptance Testing and how it applies to Agile Testing
- Certified Secure Software Lifecycle Professional (CSSLP).

## **Other Skills and Attributes :**

- Experience with and/or working knowledge of networking technologies and protocols such as:
  - IP Networks, routing, switching, WLAN, VLAN technologies
  - Network-based authentication, NAC, LDAP and Active Directory
  - Network management systems such as DHCP, SNMP, DNS
  - Security Event and Information Management (SEIM),
  - Log Aggregation, Intrusion detection and prevention (IDS/IPS),
- Familiarity with development practices like Unit Testing, Test-Driven
- Familiarity with one or more scripting/programming languages and/or tools such as: C, PostgreSQL, Perl, JAVA, Python, is a big plus.
- Excellent analytical, debugging, problem-solving and root-cause analysis skills
- Create and maintain reusable components, functions and libraries to reduce maintenance costs, increase efficiency and scalability
- Experienced in test result evaluation, reporting and metrics
- Demonstrated ability to operate and innovate in a small team with a fast-paced environment, balancing both strategic and tactical needs
- Excellent written and verbal communication skills
- Strong presentation and facilitation skills
- Be a self-starter, capable of working in diverse environments with little direction

## **We offer:**

- Thorough in-house, expert training on cutting-edge technology
- Dynamic work environment in new and modern office
- Employee Referral Bonus
- Group insurance plan
- Team spirit and dedication to service excellence

- Sense of belonging to a global, brand-name organization