

## Software Quality Assurance (SQA) Engineer

### Job Description

The software Quality Assurance Engineer supports an agile team in analyzing, designing, building and testing high quality Beacon Product Suite that meets and exceeds 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 Engineer will review functional requirements and user stories from business partners; design test plans, write test cases, oversee test strategies and perform testing for assigned applications. The SQA Engineer will submit and verify defects, maintains documentation of test results to assist in debugging and modification of Beacon software, analyzes test results to certify existing functionality and integrations and recommends corrective action upon failures. Testing will include functional and non-functional, integration, regression, system, smoke and sanity testing.

### Desired Skills and Experience

- Minimum 4+ years of enterprise software testing experience
- Experience in Acceptance Testing and how it applies to Agile Testing
- Experience working in an Agile Development environment
- 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), etc.
- Familiarity with development practices like Unit Testing, Test-Driven
- Familiarity with one or more scripting/programming languages and/or tools such as: C++, C, MySQL, Perl, JAVA, Python, is a big plus
- Familiarity with Jenkins, Hudson, Bamboo, JIRA and other continuous integration tools
- Excellent analytical, debugging, problem-solving and root-cause analysis skills
- Excellent written and oral communication skills
- 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
- Profile manual acceptance criteria and test cases and evaluate automation opportunities
- Create and maintain reusable components, functions and libraries to reduce maintenance costs, increase efficiency and scalability
- Experienced in test result evaluation, reporting and metrics
- Familiarity with Agile Scrum, Kanban, or Lean software development practices is a plus
- Highly self-motivated, goal orientated, and self-directed
- Demonstrated ability to operate and innovate in a small team with a fast-paced environment, balancing both strategic and tactical needs

**Location:** Bloomington, MN , or Portsmouth, NH

**Travel:** 5-10%

**Job Type:** Full Time

**Education:** Bachelors Degree or equivalent professional testing or development experience

### **About Great Bay Software**

Our mission is to empower enterprise-class organizations to achieve enhanced network security, visibility and operational efficiency. We accomplish this through fearless innovation and creativity, by delivering dependable, scalable solutions that are easy to implement and support, while providing an uncompromising commitment to our clients, our investors and each other.

If you believe you're in the top 15% of your profession and are looking for an exciting opportunity within a growing organization, we would enjoy the opportunity to discuss your future!