



Position: QA Architect

COMPANY BACKGROUND

Our unique semantic platform, xPatterns™, facilitates the intelligent discovery of knowledge from large disparate sources of dynamically changing, structured, and unstructured data. Third party applications can easily be deployed on xPatterns through web-services to immediately enrich data insight through the self-discovery of patterns and concepts in real-time. xPatterns enables a trust model the enterprise may extend to their users, providing each user the ability to privately manage their data, and automatically leverage offline information to provide unprecedented experiences and benefits. xPatterns is enabling telecommunication providers, healthcare providers, government organizations and retailers to leverage new insights in real-time, derived from data that has been traditionally difficult to link and expensive to maintain. xPatterns software can be delivered as Software-as-a-Service or Appliance-based. For more information, visit: www.atigeo.com.

REPORTING RELATIONSHIP

The QA Architect report to the Director of Engineering

POSITION SUMMARY

If you are you passionate about building consumer-centric products leveraging cutting-edge science and technology, and you enjoy building web-based services that require scaling a nascent technology to high volume and high reliability, Atigeo is the place for you! Have you worked as a key player and thought-leader in agile engineering teams spread across continents? We are looking to add a seasoned, highly-motivated Software Engineer to our core platform architecture and engineering team, working on a novel *learning* real-time relevance engine.

SPECIFIC DUTIES AND RESPONSIBILITIES:

- Spearhead design/development/usage of automation framework
- Develop test patterns to evaluate the solutions for performance, scalability, resilience and reliability
- Contribute to the quality of the solutions by identifying issues in architecture/design and implementation
- Demonstrate technical leadership and provide mentoring to fellow team members
- Suggest and influence process improvements and act as a change agent for the organization
- Work closely with the development and product management teams to ensure that the architecture/design honors testability, reliability, scalability and performance
- Continuously increase the coverage and complexity of functional test cases using Java (TestNG, JUnit) and/or scripting languages (Python, etc.).
- Design, develop, and provide hands-on leadership for a fully automated suite of performance, scalability, load, stress, user experience testing
- Manage and maintain the continuous Integration server (Hudson experience is a plus)
- Run and maintain existing integration tests

REQUIRED EXPERIENCE AND SKILLS

- Strong analytical thinking, logical reasoning, problem recognition, and problem resolution skills
- Demonstrated a high level of productivity, responsibility, and influence in previous position
- Excellent oral and written communication and personal/interpersonal skills
- 5+ years of quality assurance experience with proven ability to automate functional, stress, and volume test cases
- 2+ years of test automation experience in Java (TestNG, JUnit)
- 5+ years of experience in developing backend automation (API/Webservices testing - REST) test suites
- Solid experience with distributed systems (Hadoop/Cassandra/Solr/Lucene a plus)
- Strong understanding of software development lifecycle

- Highly detail-oriented
- Excellent time management

DESIRED EXPERIENCE AND SKILLS

- Experience with large data processing environments
- Experience in building a cloud test platform (EC2 experience a plus)
- Strong knowledge of browser technologies (HTML 5.0, Javascript, XML, CSS)
- Strong knowledge of JMX based technologies
- Good balance of open source and commercial platform experience
- Knowledge of code and memory profiling tools for Java
- Experience working in an agile environment
- Knowledge of Hadoop, Cassandra, Solr/Lucene, Zookeeper, ActiveMQ
- Knowledge of VMware or other virtualization solutions
- Demonstrated a high level of productivity, responsibility, and influence in previous positions

EDUCATION

Bachelor's Degree in Computer Science, Computer Engineering or Software Engineering or related discipline. Advanced degree preferred.