

Senior Quality Assurance Engineer

Job Family & Department: Quality Assurance (Toronto, Canada)

Job Purpose: As part of the Quality Assurance team, the Sr. QA Engineer plays a lead technical role in the planning, design, scripting, execution and analysis of automated functional, performance, scale and stability tests for ExtendMedia’s OpenCASE product suite. The Sr. QA Engineer applies deep, technical expertise and understanding of system architectures to define performance sizing and test scenarios, as well as writes the code to automate and augment existing automated test scripts. Integral to the role is the ability to debug issues and analyze data/test results, in order to draw conclusions and make recommendations on the performance, scalability and stability of the products tested. The Sr. QA Engineer will also assist with broader QA support tasks including the creation/maintenance of automated regression and build verification (sanity) tests, test datasets and QA test environments.

Key Outcomes (Deliverables):

<ul style="list-style-type: none"> • Scoping and Requirements Gathering/Analysis: Scoping efforts for automated and performance testing initiatives; consulting with Product Management, Development and QA departments to validate test methodologies and ensure effective coverage of tests.
<ul style="list-style-type: none"> • Test Plan and Test Case Development: Creation of test plans, performance sizing scenarios and additional test cases as needed in support of overall QA initiatives and releases; periodic audits and maintenance of test case library and scripts to ensure full QA coverage against product software
<ul style="list-style-type: none"> • Automated Test Development: Designing, implementing, maintaining and documenting automated test frameworks and scripts (black & white-box) in a variety of technologies; creation of additional automated performance, functional and build verification test scripts or tools for broader QA testing initiatives.
<ul style="list-style-type: none"> • Test Execution, Analysis and Reporting: Implementing all actions required to deploy an application performance test; conduct performance testing on OpenCASE releases within targeted timelines; analyzing and reporting results, including benchmarking, optimization and performance tuning recommendations; assisting with additional QA testing and backfill as needed.
<ul style="list-style-type: none"> • QA Test Environment Set-up, Support and BVT: Implementation of the technical infrastructure required for performance testing; assisting with QA deployments and verification of software builds; ongoing collaboration with internal IT/QA support teams in the maintenance of the QA test environments
<ul style="list-style-type: none"> • Continual Process Improvement and Teamwork: Working closely with the QA team to continuously improve QA process, standards, tools and supporting infrastructure; liaison with QA outsource teams as required in the joint testing of product releases.

Qualifications:

- Computer Science or Engineering Degree (or equivalent) from accredited institution
- 5 + years of performance and load testing experience
- At least 2 years in leading performance/QA testing initiatives, from inception through to execution and software tuning
- Hands-on experience coding automated test scripts and using automation tools
- Experience in the set-up, maintenance and profiling of servers and test environments

- Good knowledge of testing concepts, test life cycle and processes
- Experience with a Linux operating system
- Experience using/developing J2EE applications
- Experience with Windows Vista and Windows XP operating systems
- Experience working with SQL server and Oracle
- Experience working with JBoss and WebLogic application servers
- Experience working with Web Services (SOAP-based or RESTful)
- Experience with implementing web-based applications
- Experience with Win 32 client-based application testing
- Effective English written/verbal communication and organization skills
- Well developed analytical and problem solving skills
- Ability and desire to learn new technologies and new frameworks quickly
- Ability to work efficiently and independently in a fast-paced, team environment
- High energy individual looking forward to meeting challenges
- Other helpful:
 - Experience with best practices of implementing in scripting languages
 - Familiarity with JMeter, SoapUI, TestLog, JIRA
 - Familiarity with the broadband video download space
 - Familiarity with P2P file sharing technology
 - Familiarity with video encoding/encrypting technologies

If your skills and experience match our requirements, please forward your resume along with cover page to: jobs@extend.com. Please indicate job title, along with application, in subject line of email.

We wish thank all applicants, however, only those who qualify for an interview will be contacted.