



CIeNET Technologies Canada

Position: Software Quality Assurance and Automation Test Engineer

Location: Markham, Ontario, Canada

Employment Type: Full Time

CIeNET is a mobile, automotive and enterprise software services and solutions research, engineering and development company founded in the U.S. in the year 2000. We currently have over 1,900 employees worldwide supporting customers in North America, Asia and Europe. We have over ten locations across US, Canada, Mainland China and Taiwan. CIeNET has been named Global Outsourcing 100 in nine consecutive years.

CIeNET is expanding its presence in Canada to better serve our industry leading customers in next generation automotive infotainment engineering and mobile software development in Toronto. We are working on state-of-the-art technologies and products that will bring automotive information and entertainment, mobile internet and telematics services to life in the years to come.

CIeNET Canada is looking for intelligent, creative, enthusiastic and diligent software professionals to join our team and shape the great future of your career with us.

Role Summary

The software QA engineer will be an important member of our software group in Canada, which is part of the larger Global Engineering team working with our industry leading client. The QA engineer will be responsible for defining, implementing, executing, and maintaining test plans and test cases to ensure the software is delivered with high quality. The engineer will work closely with software developers/engineers, requirement developers/engineers and program managers through the entire product lifecycle. The QA engineer reviews requirement specifications and design documents, to better understand the features and specifications for the efficient design of test cases to address the full spectrum of the requirements and quality. The automation test Engineer should improve engineering productivity. In order to achieve this goal, automation test engineer are responsible for designing and implementing highly efficient automation test infrastructure, as well as tools and test scripts to test the specific products and solutions automatically.

Key Responsibilities

- Participate in requirement reviews in order to write test procedures and test cases
- Define test strategies based on software development plans
- Define and maintain test plans based on software development schedule
- Setup, integrate and develop highly efficient and reliable test infrastructure
- Design and develop tools and scripts for product and solution automation test
- Investigate and evaluate new techniques and tools for continuous improvement
- Ensure test plans align with the development schedule and project milestones
- Prepare test reports on test results and problems and provide initial issue analysis
- Analyze reported issues to generate quality reports, and contribute to defect prevention
- Support development teams to verify and/or reproduce reported issues
- Participate in the continuous improvement of test processes and methodologies
- Setup and configure necessary hardware and operating environments for specialized and daily test cases
- Maintain of test equipment and the test library environment
- Participate in development of test tools and test scripts

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- Interact with software developers and QA engineers to ensure the deliverables fully address their needs

Qualifications

Required Skills and Experiences

- Minimum three years of experience in software quality assurance in software companies
- Minimum two years of experience in testing Android code
- Minimum two years of experience in mobile or automotive industry
- Understanding and experience of different automation framework
- Experience with Android automation test tools, such as UIAutomator, Monkey & MonkeyRunner
- Development or scripting skills in common language such as JAVA, Python, Perl, C++ or shell
- Ability to anticipate problems and issues, and recommend solutions to the problems
- Experience in mobile application automation is highly preferred
- Solid knowledge of software quality assurance methodologies and tools
- Knowledge of testing embedded product software
- Test driven development experience is a plus
- Good experience with different Operating Systems, especially Linux variants
- Working knowledge of Scrum/Agile software development process
- Excellent verbal and written communication skills
- Possess technical strong problem-solving and analytical skills, organizational skills, and interpersonal skills
- QA analyst / engineer must be self-motivated, a quick-learner and deliver on time in a fast-paced work environment

Education and Training:

- Bachelor's degree in Computer Science, Software Engineering, or related field

Preferred Education and Certification:

- Graduate degrees is preferred
- Professional Engineering designation is a plus

CIeNET offers equal opportunities to people. We would like to thank all candidates for expressing interest. However only those selected for interviews will be contacted. Reference check of certain positions will be conducted upon permission.