

**Position Description: Automation Test Developer****Job Location: Manassas, VA.****Automation Test Developer Job Description:**

- The Automation Test Developer designs, develops, and maintains an automated functional and regression testing framework, harness, and evolving toolset in support of system integration team tasks.
- Develops automation concepts and creates applications for automating software and functional test packages.
- Develops automated processes and application to help isolate sources of system operational performance deficiencies.
- Develops automated test, debug, and other custom software applications as part of a systems integration team.
- Candidate must be U.S. citizen able to obtain a DoD Secret level security clearance.

**Automation Test Developer Required Tasks:**

- Designs, develops and maintains an automated functional/regression testing framework, harness, and toolset.
- Applies innovative techniques to transition test processes from using solely Excel spreadsheets for manual verification to the use of automated testing and verification tools.
- Provides insight and guidance to the System Integration team regarding implementation and use of automated test processes and applications.
- Works with the extended engineering team to create and update test cases, automate existing manual test procedures into automated test scripts, which validate requirements; track and report testing activities; maintain test case coverage, and record defects found.
- Investigates, troubleshoots, and isolates problems found during testing in a Linux environment and creates detailed bug reports.
- Must be familiar with all phases of software development life cycle, and working in an Agile environment.

**Required Skills for Automation Test Developer:**

- Experience with the creation of Sikuli or similar testing tools.
- Experience at the Linux command line.
- Experience interfacing to RESTful APIs using JSON or XML messaging such as Sinatra (Ruby).
- Sound knowledge of Java/C++ development and how it relates to testing.
- Experience with Perl, Python, Ruby on Rails.

**Highly Desirable Skills for Automation Test Developer:**

- Experience working in an Agile/Sprint release planning environment including depth of understanding of providing impact analysis on testing as Sprint and releases are introduced to the integration environment.
- Understanding of automated build processes/practices and code management techniques.
- Understanding of full system exposure and system wide activity – Integration testing across systems usage flow checks how one program integrates/impacts other components of the system. Strong communication skills with developers to explain integration/test results with developers.

**Additional Requirements for Automation Test Developer:**

- Willingness to work overtime, or 2nd or 3rd shift.
- Success in this position requires an assertive, confident attitude and a commitment to working as a part of a team or independently to meet critical delivery schedules.
- Team player that takes ownership and develops relationships with the team members which fosters team success.
- Bachelor's degree in related discipline or equivalent experience. Entry to mid-level professional.

In the words of Steve Jobs, "It doesn't makes sense to hire smart people and tell them what to do; we hire smart people so they can tell us what to do." In that same vain, we are looking for a smart person who can singlehandedly be responsible for taking us from Excel spreadsheets for manual verification to develop/maintain an automated testing suite of tools.

**Contract Term:** Full-Time Employee, 40 hours/week.

**Start Date:** Negotiable

**Rate:** Negotiable

"All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin."