

- Work with development teams to drive continuous integration test efforts to enable stable builds
- Implementing and documenting test and integration processes within an agile development process
- Develop and review test plans and test scripts
- Drive the content of continuous integration test suites with the development including automate unit, integration, functional, and system test scripts
- Frequent inspection of unit test code to identify and assess gaps (e.g. verify test code covers all branching logic, boundary conditions or anything that can reasonably fail)

#### Desired Skill set

- Strong experience with automated testing and continuous integration environments
- Experience with Jenkins, Nexus, Ant, Maven, JUnit, Java, Groovy, Selenium, SQL
- Experience with testing web applications and services
- Familiarity with automated UI testing

#### Training Schedule

- Pipeline
  - Virtual Machines (Physical vs. virtual, when to use VM, installation, VM usage scenario, etc.)
  - Chef Scripting (setup environment, chef basics, writing chef recipes, extending recipes, running recipes)
  - Jenkins (usage within QA execution pipeline, installing Jenkins instance, installing plugins, create update/update delete jobs, creating build nodes)
  - Vagrant (understanding vagrant, create development environment, vagrant as a chef dev tool)
- Build Engineer
  - Maven/Gradle (pom files, settings files, build.gradle, gradle properties)
  - Nexus (dependency management, 3<sup>rd</sup> party artifacts, In-house artifacts, snapshots & releases)
- QA & Build

- Integrity integration & SoapUI (automating SOAP UI results into Integrity)
- Development
  - Java Part 1
  - Java Part 2
  - .Net
  - Unit testing (create app, create unit tests, show results)
  - Annotations (add special annotations for unit testing reports to Integrity)