Christopher Robert Hardy

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**Experienced Software Engineer that specializes in QA Software Test Automation (SDET) and Devops engineer.**

As a Devops engineer, I design systems to automatically deploy and test software, write reports for real-time check-in of software and execute Daily Regressions. I trouble shoot with Developers and QA issues that might arise during the Jenkins "Jobs" for each specific set of tests during CI and Daily Regression. I configure the CI/CD pipeline using Jenkinsfile, Docker, and Artifactory. I also write deployment scripts using Ansible and Kubernetes to be able to deploy multiple project.

As a QA Software Test Automation Engineer, I use various tools such as Junit, TestNG, Rest Assure, Cucumber, SoapUI, and JMeter to write custom middle and back-end test automation software applications. I create Test Plans, Test Strategies, and formulate extensive Test Procedures and Test Cases.

**If you want a well rounded QA Software Test Automation Engineer and Devops engineer, then I am your perfect fit.**

**Technical Skills**

Languages:            Java, Groovy, SQL, XML, JSON, Bash

CI/CD: Azure, Jenkins, Docker, Artifactory, Ansible, Kubernetes

Testing Frameworks: TestNG, JUnit, RestAssure

Testing Tools: JMeter, SoapUI

Build Tools: Gradle, Maven

Source Control: Git, GitHub, CVS, JIRA, Confluence, RTC

Databases:            Cassandra, Oracle 11, MySQL

O/S:                        Linux, and Windows

Editors:              Intellij, Eclipse

**PROFESSIONAL EXPERIENCE**

**Nuance Healthcare**  Burlington, MA April 2020 – Present

*Site Reliability Engineer*

**Skills Utilized: Auzure Devops, bash, Docker, Windows, Linux, Agile, GitHub, JIRA, SonarQube, Gradle, Maven**

*Use my CI/CD, QA Test Automation knowledge to create a process and environments for the Watson He*

**IBM – Watson Health Imaging** Cambridge, MA November 2016 – March 2020

*Lead QA, SDET Software Developer in Test, CI/CD, Devops* [IBM Watson Health](http://www.ibm.com/smarterplanet/us/en/ibmwatson/)

**Skills Utilized: Jenkins, Java , Groovy, bash, SQL, Docker, Artifactory, Linux, Agile, GitHub, JIRA, RestAssured, Junit, TestNG, Cassandra, NiFi, Kafka, AppScan, Wicked Scan, SonarQube, Anchore Scan, Gradle, Maven**

*Use my CI/CD, QA Test Automation knowledge to create a process and environments for the Watson Health Imaging teams. I am teaching various classes around CI/CD and Agile methodologies as well. I currently support four agile squads composing of approximately eight team members each, and in the future supporting three more in regard to SDET, Devops and maintenance of product customer, development and test environments. I employ deploying to the IBM Cloud using Kubernetes, and Ansible.*

*Developing a robust QA Automation framework using Rest Assure, TestNG and JUnit to test Web Service APIs. Use my CI/CD knowledge to create a process and environments for the Watson Health Imaging team. I am teaching various classes around CI/CD and Agile methodologies.*

**IBM – Watson Core** Littleton, MA April 2015– Oct. 2016

*CI/CD - QA Automation Engineer* [IBM Watson](http://www.ibm.com/smarterplanet/us/en/ibmwatson/)

**Contractor - NewGen**

**Skills Utilized: Jenkins, Java, Groovy, Bash, Linux, Agile, Eclipse, Intellij, SQL, RTC, GitHub**

*Involved testing applications for the IBM Watson project. I focused mainly on TestOps for Watson Core and QA automation of the REST API's within the applications. I used custom java API's to thoroughly test over 20 micro services in a short amount of time.*

*I spent my first 10 months as a CI/CD engineer. I supported the entire IBM Watson QA Automation Group. I utilized Jenkins as a tool to create an environment for QA team to have an automated Continuous Integration and automated DR (Daily Regression) suites. I handled daily DR Review for all of QA, major and minor issues on a priority basis, and enhanced the current Jenkins configurations for all jobs. I also handle the Release Coordination of each three-week sprint for the review of the Daily Regressions.*

**Additional PROFESSIONAL EXPERIENCE**

**Scholastic**  Watertown, MA Sept 2014– March 2015

*Lead QA Engineer*  [Scholastic](http://www.scholastic.com/home/)

**Contractor – Addison Group**

**Health Edge** Burlington, MA Dec 2012 – May 2014

*QA Automation Engineer* [*HealthEdge*](http://www.healthedge.com/)

**EMC - RSA** Bedford, MA May 2012 - Dec 2012

*QA Automation Engineer* [*RSA-EMC*](http://web.emc.com/)

**Contractor – Vesume Group**

**MIT Lincoln Laboratory** Lexington, MA Sept 2010 - June 2012

*QA Automation Engineer* [*MIT LL*](http://www.ll.mit.edu/)

**Contractor – Minuteman Group**

**proServicesCorp** Trenton, NJ Feb 2008 - June 2010

*Process Developer/Tester and Defect Analysis* [*proServicesCorp*](http://proservicescorp.com/)

**RDECOM – S&TCD** Ft. Monmouth, NJ Jun 2007 - Feb 2008

*Information Assurance Software Engineer* [*DSCI*](http://www.dsci.com/)

**Contractor - DSCI**

**BAE Systems** Wayne, NJ Mar 2006 – June 2007

*Principal Software Engineer* [*BAE Systems*](http://www.baesystems.com/home)

**Lockheed Martin** Moorestown, NJ Mar 2005 – Feb 2006

*Member of the Engineering Staff* [*Lockheed Martin*](http://www.lockheedmartin.com/)

**Computer Science Corporation** Mt. Laurel, NJ Jun 2001 – Mar 2005

*Associate Member of the Technical Staff* [*CSC*](http://www.csc.com/)

**EDUCATION**

**Rowan University** Glassboro, NJ Sept 1997 – May 2001

Bachelor of Computer Science

**Ocean County College** Toms River, NJ Sept 1993 – May 1997

A.S in General Engineering

**Villanova University** Philadelphia, PA Jun 2010 – Dec 2010

Certificate Test Engineering