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Vinod KUMAR Rajapantula – Senior Software Test AutomatIon Engineer

## Summary

Currently working as a senior S/W test automation engineer and having 12 years of experience in testing web based and client server applications. Extensive experience in design and implementing automation frameworks by using tools like Selenium, TestComplete and QTP. Also used and implemented Maven, TestNG, Jenkins and BDD tools like Cucumber.

* Involved in tool selection process to identify a best tool based on client requirements.
* Participated in finding suitable automation candidates for sanity and regression in much early stage of automation.
* Participated effectively in estimating on project tasks, planning, quality and risk analysis
* Implemented different frameworks like Data Driven and Hybrid frameworks for different clients by using the automation tools like Selenium, TestComplete and QTP.
* Conducted code reviews manually and by using tools like Crucible and Sonar.
* Automated the regression scenarios for different products.
* Validating the REST Web services(API Testing) by using the Automation tools like Selenium(Rest Assured), TestComplete and SOAP UI.
* Implemented continues integration and continues delivery by Jenkins and git.
* Involved in best possible way of preparing capacity, sprint planning and customer-facing documents like Test plan, Release notes, Query trackers for different kinds of customer requirements.
* Preparing and presenting WSRs to clients.
* Presenting demos to client at end of each sprint.
* Strong experience in Software Testing Life Cycle (STLC) and Agile methodology
* Extensive experience in Java, Selenium, TestNG and Jenkins.
* Worked as **onsite coordinator** in USA for different clients like IDEXX and MBG(Portland, Oklahoma, USA).

Work Experience:

* Presently working as a Senior Software Testing Engineer in **Epam Systems,Inc**. From to August 2013-Till date.
* Worked as a Senior Software Testing Engineer in **ClickandBuy** India Pvt. Ltd. From June 1st, 2009 to August 8th, 2013.
* Worked as a Software Design Engineer II in **SumTotal** **Systems** (INDIA) Pvt. Ltd. from July 4th 2006 to Jan 27th, 2009.

Certifications:

* Completed the ISTQB (International Software Testing Quality Board) foundation level.

Academic Qualifications:

* Post-Graduation : M.C.A. From Gayatri College of P.G. Courses, Andhra University, in the Academic Year 2000-03, with an Aggregate Of 70.2%.

**Certifications:**

* Completed the ISTQB (International Software Testing Quality Board) foundation level

Technical Proficiency:

* **Operating Systems** **:** MS DOS, WINDOWS 95/98 /XP
* Languages : C, Java
* **GUIs**  **:** VISUAL BASIC 6.0
* **Scripts** **:** VB Script
* **Databases**  **:** ORACLE 8i/10g, SQL Server 2000/2005
* Web Tools : HTML, XML
* **Tools & Utilities :** Bugzilla, Jira, SVN, Git, Maven, Jenkins, Sonar, Crucible
* Frameworks : TestNG
* BDD tools : Cucumber
* **Automation Tools :** Selenium WebDriver, TestComplete 8.0., UFT

## Work Experience

**Jan-2016 - Till now** - Sr Software Test Automation Engineer, EPAM

**Customer: MBG(Mutual Benefit Group)**

**Project:** MBG (Mutual Benefit Group, PA) is an insurance company, which provides [insurance coverage for automobiles](http://www.mutualbenefitgroup.com/auto-insurance/), [homes](http://www.mutualbenefitgroup.com/home-insurance/), and [businesses](http://www.mutualbenefitgroup.com/business-insurance/) mainly operating in PA and MD. MBG have more than 200 authorized agents who receive insurance quotes from customers and issue the policy if everything is good they refer to underwriter for their review, it allows more than one vehicle for insurance, considers drivers past history while issuing the policy. It decides the premium based on allocations that customer made for the components such as personal injury, vehicle damage, Body injury etc.

**Team Size:** 5

**Project Role:** Sr Software Test Automation Engineer

**Tasks performed:**

* Involved in tool analysis and chosen Selenium web driver would be suitable tool for automate this web application.
* Identifying scenarios as right candidates for automation.
* Provided the estimations for each Line of Business to automate based on number of scenarios and transactions.
* Participated in prepared capacity plans and sprint plans.
* Implemented design patterns like page factory, singleton, factory and builder.
* Designed a hybrid framework by using page object model with page factory. Also used unit framework as TestNG.
* Designed the reusable components for the automate the scenarios.
* Finding solutions for Object Identification issues.
* Automating the regression scenarios.
* Performed the code reviews by using the tools like Sonar.
* Implemented continues integration and continues delivery by Jenkins and git.
* Coordinating team members and Interacting with client side people to solve issues and update status.
* Preparing and presenting the Weekly and Monthly status reports to client.
* Providing sprint progress demos to client.

**Environment:**

* SQL Server
* Java, Selenium WebDriver, TestNG, Maven, Jenkins and Git.

**Mar-2014 -Dec-2015** - Sr Software Test Automation Engineer, EPAM

**Customer: AFA(American Fidelity Assurance)**

**Project:** American Fidelity Assurance (AFA) is an American private, family-owned life and health insurance company. It provides voluntary supplemental health insurance products and tax deferred annuities. to education employees, auto dealerships, health care providers and municipal workers across the United States.

**Team Size:** 5

**Project Role:** Sr Automation Test Automation Engineer

**Tasks performed:**

* Identifying scenarios as right candidates for automation.
* Implemented the framework by using Keyword driven methodology and descriptive programming.
* Designed the reusable components for the automate the scenarios.
* Finding solutions for Object Identification issues.
* Performed the code reviews by using the tools like Crucible.
* Providing the estimates and capacity plans.
* Automating the regression scenarios.
* Co-coordinating team members and Interacting with client to solve issues and update status.
* Preparing and presenting the Weekly and Monthly status reports to client.
* Providing sprint progress demos to client.

**Environment:**

* SQL Server
* TestComplete

**Oct-2013 - Feb-2014** - Senior Software Test Automation Engineer, AGS

**Customer:** IDEXX

**Project:** IDEXX Vet Lab Station is a diagnostic laboratory system which provides control for running tests on patient samples.

**Team Size:** Automation Engineers: 5 Manual Engineers: 5

**Project Role:** Senior Software Test Automation Engineer

**Tasks performed:**

* Participated in framework development by using the TestComplete.
* Worked as onsite coordinator at client place (Portland, USA)
* Prepared and presented WSRs to Client.
* Providing the client demos at end of each sprint.
* Conducted the code reviews.
* Planned sprint deliverables based on capacity planning.
* Automated regression scenarios of IDEXX-IVLS product.

**Environment:**

* TestComplete
* JScript, XML, JIRA

**Aug-2009 - Aug-2013** - Sr Automation Test Engineer, ClickAndBuy

**Customer:** ClickAndBuy

**Project:** ClickandBuy is one of the leading payment services in the internet. Certified by McAfee and tested by Germany's Technical Inspection and Testing Association (TÜV). This online payment system is used for internet purchases

**Team Size:** Automation Team: 6 Manual Team: 20 Dev Team:40

**Project Role:** Sr Automation Test Engineer

**Tasks performed:**

* Designing of Frame work and development of Driver script.
* Used Data Driven technique and Key Word Driven technique to fetch the test case details from configuration file.
* Developing scripts for test scenarios by using the features like Functions, Procedures, Library files, Environment variables, Descriptive programming, Regular expression.
* Designed the scripts using Relative path architecture and implemented the recovery scenarios.
* Involved in finalize the BVT test case list to check functionality of the product.
* Perform peer review test scripts.
* Executing the automation suite as part of regression testing.
* Responsible for automation deliverables

**Environment:**

* SQL Server 2008
* TestComplete
* VB Script, Bugzilla, Jira

**Jul-2006 - Jan-2009** - Software Design Engineer, SumTotal

**Customer:** SumTotal

**Project:** The SumTotal Enterprise Suite of learning, performance and talent management applications enables companies to identify knowledge and competency gaps across their entire value chain…giving you a strong chain with no weak links – making you ready for business. The SumTotal platform combines the industry's leading Learning Management System (LMS), Learning Content Management System (LCMS), Performance Management System with other capabilities

**Team Size:** Testing team: 40

**Project Role:** Software Design Engineer

**Tasks performed:**

* Involved in finalize the BVT test case list to check functionality of the system.
* Updating the Automation scripts when ever required to work as expected.
* Learned and implemented the test scripts scenarios by using the features like Functions, Procedures, Library files, Environment variables and Descriptive programming in QTP.
* Testing the functionality of all the components by executing the scripts.
* Writing Functional test cases and Executing the Test Cases

**Environment:**

* SQL Server
* QTP
* VB Script