## Vikas Aggarwal <https://www.linkedin.com/in/vikasaggarwal1978>

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**Nationality:** British (Eligible to work in India)

## Test Automation Consultant / Test Lead / Test Manager

**Automation Test Consultant/Lead** with 11 years of experience primarily in Waterfall and Agile software development life-cycles (iterative and incremental). Exceptional knowledge of **open source automation tools** and associated languages. Ability to design and create **Test Automation frameworks** from scratch. Remarkable experience working with Agile **scrum** methodology.  
  
Skills covering all aspects of system development and the testing lifecycles, from specification through to delivery and commercial launch. Confident, Hardworking and Passionate about achieving desired output from my work assignments. My work experience spans from working on both onsite and offshore projects with multi-site teams for well known MNC’s **(Salesforce, TFL, Accenture, Nokia, Wipro)**

## Education History

**NIT Jalandhar, India (1997 -2001) Qualification:** Bachelor of Technology in Electronics and Communications

## Certifications/Trainings

* Certified Tester Foundation Level – ISQTB
* CTAL – Test Manger (5 day training course from QA.com, preparing for exam)
* Certified Scrum Master
* Professional Scrum Master - 1
* Lauterbach certification for in-device debugging

## Key Test Management Skills

* Development of Test Automation Frameworks from Sctrach (**Selenium Webdriver, Coypu**)
* Test Automation planning, execution and reporting.
* Creating **Test Plans** and **Test Strategies**
* Defect Management using **Quality Center**, **Bugzilla** and **Jira**
* Managing evolving test requirements throughout the product lifecycle, covering test

analysis, planning, design, test data preparation and test execution

* **Team Leading** and **People Management**
* **Agile Testing, SCRUM Methodology**
* Agile tools : **Rational Team Concert, Target Process, Jira**

## Key Technical Skills

* Knowledge of unit testing frameworks: **JUnit**, **NUnit** and **MSTest**
* Programming Languages used in Test Automation: **C#, Java**
* **BDD : Specflow**
* Version Control Tools: **SVN**, **Team Foundation Server** and **GIT**
* System Integration and Testing
* Key Database Skills: **SQL Server, MySql**
* Web Technologies: **Html, CSS, JavaScript, Asp.net**
* Known IDE’s: **Eclipse**, **Visual Studio** 2012, Visual Studio 2013
* Continuous Integration Servers: **TeamCity, Team Foundation Server**
* **Web Services testing :SOAPUI (self-learning)**
* **Build Tools (Familier) : Ant, Maven and MSBuild**

## Employment History

## Salesforce.com (UK, Oct-2013 – Present)

**Role:** Member of Technical Staff (Quality Engineering)

**Role Description:** Agile testing andDevelopment of Automation testing framework to cover the UI and Integration testing for Social.com (Salesforce Marketing Cloud Product). (BDD, Specflow, C#, Coypu, Webdriver, POM, VS2012, Sqlserver 2012, TeamCity, SVN, GIT, Agile Testing)

**Main tasks:**

* Develop and Maintain Automation Testing Framework using C# and Selenium Webdriver
* Weekly reviews and updates to Business Stakeholders for Test Automation progress
* Integration of Automated tests with Continuous Build and Deployment Project.
* Planning and executing automation sprints
* Test Estimation and Reporting
* User Story testing and working towards sprint goals as a member of Scrum team

## Transport for London (UK, Oct-2012 – Oct-2013)

**Role:** Test Automation Consultant (Continuous Integration and Automation tools)

**Role Description:** Development and Maintenance of Automation testing frameworks to cover the System Integration Testing for TFL’s Future Ticketing Programme(Contactless Payment Cards). Automation Framework development on Microsoft’s .net platform using C#, Selenium, TFS, MSTest, SqlServer 2012, VS2012, Labmanager, Agile, Scrum, WcfTestClient.

**Achievements:**

* Developed Automation Testing Framework using C# and selenium Webdriver to achieve 80% automated System Integration Testing coverage
* Developed Test harness framework to test the backend Sql server database entries and also to cover Interface testing
* Web Services testing
* Defined Test Automation Process and Strategy within TFL
* Weekly reviews and updates to Business Stakeholders for Test Automation progress
* Integration of Automated tests with Continuous Build and Deployment Project.

## Elateral Ltd (UK, July-2012 – Oct-2012)

**Role:** Test Automation Team Lead

**Role Description:** Development and Maintenance of Automation testing frameworks to cover the Functional and acceptance testing of Elateral’s Marketing Services Cloud for their clients using C#, Specflow, Teamcity, Selenium, ReSharper, Agile, Scrum.

**Achievements:**

* Defining the Automation strategy and process in Elateral
* Developed Automation framework to cover the functional and regression testing of their biweekly releases
* Leading team of Automation developers based in Belarus
* Improving Collaboration between developers, Business Analysts and Test teams to meet quality benchmarks set by Elateral’s clients
* Integration of Automated tests with Continuous Build and Deployment Project.

## Accenture UK Ltd (UK, Oct-2011 – July2012)

**Role:** System Analyst (Testing)

**Role Description:**

Evaluating the possibility of **automation** of **Mobile Web Apps** and **Native Apps** using Selenium and Jamo test tools for Android OS and iOS. Integration of automation test scripts to **Continuous Integration** system (**Jenkins**). Writing automation test scripts using **Selenium RC/Webdriver** and **Java** for Mobile web apps. **Scrum** used as Agile project management Tool.

**Achievements:**

* jQuery based Mobile Apps testing on Android Device and Emulator using **Java** and **Selenium**
* Wrote test cases using **Selenium** and **Java** for Mobile Web apps testing.
* Using **JUnit** test framework to run the test cases.
* Studied and prepared a comparison report of various Mobile apps automation testing tools
* Integration of Selenium with Continuous build system (Jenkins)

## Nokia Ltd (UK, Feb-2007 to Sep-2011)

**Role:** Senior Test and Integration Analyst

**Role Description: Integration** and **Manual Testing** of Key software components/features on top of Nokia’s Symbian OS based Smart phones prior to their integration to Main Code Baseline. Prepared **Test Plans**, **Test Strategy** and **Test result** documents/reports for the Program Management Team to analyse the components/features maturity status and release risk analysis. Other tasks include defect reporting, analysis and tracking. Tools used include HP **Quality Center** for test planning and execution and Nokia’s proprietary TSW error database for defect reporting.

**Main Projects:**

**Mobile Crash Server Testing: My role was to test the Mobile Crash Server throughout it development and deployment phase. Quality Center was used for manual testing and Selenium IDE was used for Automation testing.**

**Nokia’s C7 Smartphone: Responsible for Integrating and testing key features (NFC, Camera and Proximity Sensor) on C7 Smartphone released in 2010 by Nokia. Non – Functional testing mainly memory testing, stress testing and performance testing done on C7’s bi weekly software releases.**

**Nokia N78 Smartphone:** Integration and testing of software components on top of main software baseline and preparing maturity report for program management team. Involved in BAT testing, Functional testing, Non Functional testing and Usability testing of the phone software.

**Achievements:**

* Reported more than 200 defects for C7
* Achieved automation of Mobile Crash Server by using Selenium
* Developed Test Applications to test device drivers on Non UI builds.
* Worked with multi-site teams

## Elektrobit Oy (Finland, Oct-2005 to Jan-2007)

**Role:** System Engineer

**Role Description:** Main responsibilities were **Testing**, **Defect reporting**, Defect Analysis and Defect Fixing of Symbian OS based applications on STMicroelectronics’s Nomadik platform. Used **Bugzilla** as defect reporting tool.

## Wipro Technologies (India, Finland June-2002 to Sep-2005)

**Role:** Test and Integration Engineer

**Role Description:** System testing, Technical integration testing and Systems Integration testing for Nokia’s first Symbian based 3G Smartphone (Nokia 6630). Also responsible for integrating and testing Series 60 applications prior to releasing for inclusion to Main baseline. Test Director used to write and execute test cases. Role also included Defect reporting, Defect analysis.

**Achievements:**

* Development of whole UI component of Wipro’s in house R&D project SoftWIM
* Recognised for being in the top 3 for finding the most number of defects in Nokia’s first 3G Smartphone 6630.
* Writing test cases from Users requirement specification documents.