Nikhil Garg

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Pune, India

Current Employer: Veritas Technologies, Pune, India.

Current Designation: SQA Engineer

**Professional Summary:**

* SQA Engineer with 6+ years of experience in Information Technology, specializing in Software Quality Assurance Testing, proficient in testing **Web-based** applications & **Client/Server** applications.
* Extensive working experience in all phases of Software Testing Life Cycle **(STLC)**, Software Development Life Cycle **(SDLC**), **Bug life cycle** & its methodologies such as **Waterfall & agile**.
* Extensive experience reviewing, analyzing business requirements, and creating **Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix.**
* Professional expertise in **Functional** testing, **Regression** testing, **Sanity** testing, **Smoke** testing, **System** testing, Cross Browser/ Cross-platform testing, **Boundary Value** testing, **Black box** testing, **White box** testing, **Unit** testing, **Graphical User Interface (GUI)** testing, **API** testing, **User Acceptance** testing (**UAT**), **Browser compatibility** testing & Non-functional testing (**Security** testing).
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid, Quality Center** to develop automation testing scripts for web & client-server applications.
* Hands-on experience in **Junit, TestNG** framework for **Unit testing, Maven & Ant** for Project **building tool, Jenkins/Hudson** for **Continuous Integration**.
* Sound knowledge on Object-Oriented Programming (OOP) concepts. Extensively used Java for test case automation. Experience in implementing **TDD & BDD**.
* Beginner web application **Security & Penetration testing** experience on web applications and web services through manual testing using **security testing tools** like **Burp Suite & WireShark**.
* Hands-on experience in understanding **OWASP top 10** **application-level vulnerabilities like XSS, SQL Injection, CSRF, authentication bypass, weak cryptography, authentication flaws** etc.
* Expertise in debugging issues occurred in the front-end part of a web-based application, which is developed using **HTML5, CSS3, Angular JS, Node.JS and Java**.
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling**.
* Experience in the development of **Data driven, Keyword driven and Hybrid Automation** frameworks in **Selenium**.
* Experience in running Selenium UI tests on **Virtual Machines & docker containers** etc.
* Good working experience on **SOAP UI** for testing and validating various web services used in the application.
* Expert using open source bug tracking tool **JIRA, Quality Center, Bugzilla** & **Zephyr.**
* Excellent experience in troubleshooting software applications for business functions in major areas of the business and enterprise wide.
* Performed Data driven testing using Selenium WebDriver and TestNG functions which reads data from property and XML files.
* Ability to adapt to a new environment quickly, strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident, sincere and committed.
* Outstanding communicator with extensive experience in customer service as well as the ability to identify, develop and enhance client relationships.
* Performed Smoke, Functional, Regression and Integration testing.

**Technical Skills**

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| **Testing Tools** | Selenium IDE, RC, WebDriver, GRID, Postman |  |
| **Languages** | JAVA, HTML, PL/SQL |
| **Web Technologies** | HTML, XML, CSS |
| **IDE** | Eclipse, SQL Developer |
| **Test Framework** | Junit, TestNG, Hybrid Test Framework |
| **Web Debugging Tool** | XPath, Firepath, Firebug |
| **Build Tool** |  Maven |
| **Processes** |  Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC), Remedy |
| **Continuous Integration Tools** |  Jenkins |
| **Version Control** | SVN, GIT, BitBucket |
| **Databases** |  MySQL, Oracle |
| **Operating Systems** | Linux (RHEL & Kali), Windows (XP, Vista & 7), Mac |
| **Cloud services provider** |  AWS |
| **Virtualization solutions** | VMware, VMware ESX, Citrix, docker |
| **Security testing tools** | Wireshark, Burp Suite, OWASP ZAP |

**Professional Experience:**

**Veritas Technologies**

[NetInsights Console](https://www.veritas.com/insights/netinsights-console)

Role: SQA Engineer ||March 2020 – Present

**Responsibilities:**

* Involved in Functional, Regression & System testing of all User interface & web-based applications.
* Involved in daily scrum meetings to share the information with the team during a sprint.
* Created customized Automated Test scripts using selenium for the web-based applications while performing Sanity, Integration, System, Functional and regression testing.
* Designed & developed test cases for automated testing using Java, Selenium web driver, TestNG in Eclipse IDE.
* Involved in enhancing page object model, data-driven and hybrid framework for test automation.
* Utilized business cases, system requirements and design specifications documents to **plan, develop and execute test strategies.**
* Responsible for **writing and maintaining** Selenium WebDriver scripts for regression and functional testing using **hybrid framework.**
* Performed **compatibility and regression tests** using **Selenium WebDriver** for testing UI for every new build release.
* Interacted and communicated with business analysts, project managers, developers, internal/external clients and senior management to manage issues throughout the software testing life cycle using **Agile and Waterfall methodologies.**

**Environment:** JIRA, Selenium WebDriver, Java, TestNG, Jenkins, Maven, HTML, angular, agile, scrum, Eclipse IDE, VMware, docker.

**Veritas Technologies**

[Information Studio](https://www.veritas.com/content/support/en_US/doc/136499927-136588935-0/v136363405-136588935)

Role: SQA Engineer || July 2019 – March 2020

**Responsibilities:**

* Worked closely with the networking team to build the infrastructure over IPv6.
* Involved in IPv6 testing of the product.
* Involved in Functional & Regression testing of all User interface and web-based applications.
* Involved in daily scrum meetings to share the information with the team during a sprint.
* Used XPath and DOM to work with dynamic & static objects in Selenium
* Designed & developed test cases for automated testing using Java, Selenium web driver, TestNG in Eclipse IDE.
* Involved in daily sanity testing and deploying of packaged VM applications.
* Utilized business cases, system requirements and design specifications documents to **plan, develop and execute test strategies.**
* Integrated the test suites to Jenkins to execute them automatically after every successful deployment.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI & in the testing environment using Selenium WebDriver.
* Experience in running Selenium UI tests on **Virtual Machines & docker containers** etc.

**Environment:** JIRA, Zephyr, VMware, ESX server, Jenkins, Maven, HTML, angular, Selenium WebDriver, Java, TestNG, agile, scrum, Eclipse IDE, docker.

**BNY Mellon Technology**

Senior QA Analyst - SPM || January 2017 – 2019

**Responsibilities:**

* Utilized business cases, system requirements and design specifications documents to **plan, develop and execute test strategies.**
* Developed and executed **manual, automated test cases** for web-based and client-server software applications and tracked results via Quality Center and Sharepoint.
* Responsible for **writing and maintaining** Selenium WebDriver scripts for regression and functional testing using the **data-driven framework.**
* Involved in designing of **automation framework** to be used in UI testing with Selenium.
* Execute browser **compatibility and regression tests** using **Selenium WebDriver** for testing UI for every new build release.
* Interacted and communicated with business analysts, project managers, developers, internal/external clients and senior management to manage issues throughout the software testing life cycle using **Agile and Waterfall methodologies.**

**BNY Mellon Technology**

QA Analyst - DMS || August 2014 – December 2016

**Responsibilities:**

* Utilized business cases, system requirements and design specifications documents to **plan, develop and execute test strategies**.
* Performed **functional tests** using **Selenium WebDriver** with the data-driven framework and documented results.
* Performed **End-to-End testing** of database to check data integrity using SQL queries.
* **Identified, Reported and Tracked Defects** using Quality Center test management tool.
* Manually **tested, verified and validated** that the product meets user requirements.
* **Developed and executed SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Responsible for identifying test cases for **Manual** and **Automation** with **Selenium WebDriver** for Smoke Test, Functional and Regression Tests.

**Academic**: B.E. in Information & Technology-2014. University of Pune, India.