Harsh Patel

**82 Chandler Dr, Scarborough, ON M1G 1Z4**

**Contact: +1 (306) 914-6146,** [harsh622patel@gmail.com](mailto:harsh622patel@gmail.com)

**AUTOMATION QUALITY ASSURANCE ANALYST**

**Profile Snapshot**

* Expertise in preparing Test Plans, Test Cases and Test Data for Client/Server and web applications.
* Specialize in bug tracking and bug reporting using HP Quality Center/ALM, Bugzilla and JIRA test management tools.
* Experience working not only with QA team but Project Manager, Business Analysts, Development Team, and End-Users.
* Implemented Hybrid Framework using Selenium Web driver and Java
* Extensive knowledge on TestNG framework, Maven for project building tool and SoapUI for automating web services.
* Experience in continuous integration (CI) using Jenkins to execute automated sanity, nightly and regression test suite
* Extensive experience in designing, developing and executing test plans, test scenarios, test cases and test scripts based on business requirements, system specifications, functional specifications, system designs and Use Cases
* Strong QA processes and test design techniques knowledge participate in walkthrough meetings; provide clear feedback to project teams.
* Experienced working with Agile (SCRUM) and waterfall methodology.
* Experienced in preparing Estimations and Test Summary Report and in documenting Test documents using MS Office Tools - Word, Excel, and Power Point
* Proficient in data manipulation using SQL for retrieval of data from databases for Backend database testing to verify Data integrity and Data mapping
* Ability to quickly master new concepts, strong aptitude towards learning new technology and sharing ideas and can work on multiple projects.
* Performing Functional, Black box, Regression testing during different phases of application development for ensuring the stability of the application before release for every enhancement or changes.

**Core Competencies**

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| --- | --- | --- | --- | --- |
| * Selenium WebDriver * Frame work * GitHub * Hybrid frame work * Jenkins * SoapUI * Quality Center/ALM | * Java * Java Script * HTML * XML * SQL * XPath * JIRA | * Smoke Testing * Sanity Testing * Functional Testing * System Testing * Integration Testing * Security Testing * RDBMS | * Regression Testing * Automation Testing * Black Box Testing * GUI Testing * Database Testing * Cross Browser Testing * MS Office | * Test Plan * Test Cases * Test Strategy * Test Scenarios * Test Scripts * TestNG |

**Education & Certifications**

* **Master of Engineering:** Electrical Engineering (January 2016 – April 2017)

**University of Windsor** - Windsor, ON

* **Bachelor of Engineering:** Electrical Engineering (2011-2015)

**Vishwakarma Government Engineering College -** Ahmedabad, India

**Work Experience**

**Canadian Institute for Health Information**

**Title:** Quality Analyst

**Duration**: Co-op (September-December 2016)

May 2017- present

**Responsibilities:**

* Built and maintained Keyword Driven Framework with TestNG, Java and Selenium WebDriver
* Involved in continuous integration and deployment with Jenkins
* Utilized GitHub for source code management using branching technique to avoid merge conflicts
* Adhered to SDLC process of Test Planning, Test Execution and Analysis.
* Coordinated with the DBA in setting up the test data based on the test cases and test scenarios and documented according to the Business & functional requirements by following CMMI standards.
* Executed test cases in the test execution phases to perform Functional, Load, Stress, System, Boundary, Integration and End-to-End testing.
* Used Quality Center for Defect Management & Defect Triage management and Provided Status Reports, Defect Reports and Test Executions Reports to the Project Management and QA Manager.
* Created and maintained Regression suite using Quick Test Professional by following Data Driven and Key Word driven framework
* Extensively worked on Testing Script Language to customize the automation scripts and also created User defined functions.
* Extensive SQL experience in creating and executing queries using Toad.
* Regression testing was performed upon receiving new builds and updated the Scripts accordingly.
* Participated in daily scrum meetings showing progress and future testing efforts

**Environment:** Selenium WebDriver, HP Quality Center, Java, Eclipse, Junit, Keyword Driven Framework

**HoneyComb Softwares Pvt. Ltd.**

**Title:** QA Automation Engineer

**Duration:** June 2014 – Dec 2015

**Responsibilities:**

* Worked with Selenium WebDriver for accessing elements and developed Hybrid framework and implemented generic keywords to retrieve test actions, test data from Excel files along with logging feature and generation of reports using Maven
* Created clear, concise, detail-oriented test cases based on Business Requirement Document (BRD) and Revised test cases as needed to meet new and changing specifications.
* Reviewed functional and design specifications to ensure full understanding of individual deliverables.
* Interacted with end users to obtain specific system requirements.
* Executed test cases manually to check GUI and Functional features of the AUT, compared and Analyzed actual with expected results and reported all deviations to the appropriate individual(s) for resolution.
* Involved in preparing Test Data for various scenarios and performed Data Validation and Error Handling followed by the manual testing
* Validated and analyzed application features in order to establish the required functionality in each module of the AUT.
* Executed various testing methods such as functional, regression and user acceptance testing to validate requirements are met.
* Created defects found in the application using HP ALM and escalated it to the appropriate developer.
* Attended and participated in design, defect, and deployment meeting to ensure application functions and guidelines are observed.
* Ability to work within an integrated test team; communicate status of testing to QA Test Lead.
* Prepared Test Execution Status, Defect Report and Daily/Weekly Status Reports and submitted to the QA Lead.

**Environment:** GUI, Agile, SQL, Selenium WebDriver, Java, TestNG, JIRA, TestLink, MS Word, MS Excel, MS SQL Server

**Volunteer Experience**

**Celebration of Nations** March 2016

* Greeted people at welcome desk and organized different events like Dance competition, Flag parade and served food after event.
* Encouraged everyone to take part in Flag Parade and to join Volunteer ship.
* After the end of event, helped to pack up and deliver the all materials in storage room

**Bachpan NGO** January 2014 - June 2014

* Volunteered as a Science and Maths teacher for teaching kids of lower middle-class families
* Organized some educational trips for students in Science city, Zoo and many other schools etc. Also managed to collect some funds for these activities and their expenses