**Shrav Bandi**

Sr.QA Automation Engineer

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Around **9 years** of extensive experience in **Software QA Tester/ Analyst/ Engineer in Manual and Automationtesting Web and client-server applications**. Have strong abilities in software testing involving setting up of **test environment, creation of test scripts/ cases, execution of GUI, functional, regression, smoke, system**, **integration tests and tracking of defects using various tools like Selenium Web Driver, Java, Cucumber, TestNG** for various domains such as **HealthCare, Insurance and E-commerce.**

Professional Summary:

* Experience in all stages ofthe Software Development Life Cycle **(SDLC)** and Software Testing Life Cycle **(STLC).**
* Experienced working in **Agile**, Incremental, and Iterative, Scrum.
* **Sun Certified Java Professional**.
* Strong knowledge about testing of **Web, ETL, Mainframe and Client/Server Applications**.
* Well versed in reviewing and analyzing the Business requirements and developing **Test Plan, Test strategies, Test cases, Test data, Test procedure, Test reports and documentation of Manual and Automation Tests.**
* Extensive experience in **Integration testing, System testing, Smoke testing, Regression testing,Performance testing, Functional testing, UAT and GUI testing.**
* Extensive experience working in **agile methodology,** SDLC, stand-up meetings with Product owner, Scrum master, Understanding, writing user stories along with Business Analysts.
* Proficiency in **Core Java** and **Selenium Web Driver** on implementing framework enhancement and test case preparation.
* Proficient in both Manual Testing and Automation Testing using tools such as Selenium **(Selenium IDE, Selenium RC, and Selenium WebDriver),Junit,Testng**, **Eclipse.**
* Experience in build tools such as **Maven, Apache Ant** and managing continuous integration, scheduling script execution with **Jenkins**.
* Experience with ETL analysis and debugging skills.
* Developed Test Scripts to implement Test Cases, Test Scenarios, behavioral features and step definitions for **BDD** (Behavior Driven Development), **TDD** (Test Driven Development) using Cucumber.
* Developed automation scripts and performed End to End Mobile Testing for mobile native applications, Web Applications **(Android/iOS**) using **Appium** with **Java.**
* Performed Cross-Browser and CompatibilityTesting to test whether the web applications are working as desired in different browsers and environments creating **TestNG.XML** files and Selenium Grid.
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) using **Selenium Web Driver, Java, and TestNG & Apache POI.**
* Working experience with defect tracking tools like Clear Quest,Jira, Test Director/Quality Center (QC) and Team Foundation Server **(TFS).**
* Proficient in using test automation tools such as Selenium **Web Driver/RC/IDE/Grid** and **QTP/UFT**, **Appium, See Test, HP ALM** to develop automation testing scripts for web, Mobile and client server applications
* Proficient in Backend testing and Data Integrity testing using SQL statements to retrieve data from relational databases and creating **PL/SQL** scripts, executing SQL queries like **DML,** joins.
* Created manual Test Cases in **HP QC/HP ALM** for various User Stories based on Release and Sprint Plan.
* Good Knowledge in Web services testing in groovy script with**SOAP UI** and **REST Web services**, **XML validation**, **WSDL** request and response validation using SOAP UI
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

**Education Qualifications**:

Bachelors’ of Technology – Information Technology.

**Technical Skills**:

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| **Test Approaches** | Waterfall, Agile/SCRUM, SDLC, STLC |
| **Databases** | MySQL, Oracle, SQL Server, DB2 |
| **Defect Tracking Tools** | HP QC/HP ALM, JIRA, Bugzilla, Rally, UFT/QTP. |
| **Testing Tools** | Selenium WebDriver, Selenium IDE, Selenium RC, Selenium Grid,  Test NG, JUnit, Cucumber, SoapUI, Jmeter |
| **Programming Languages** | C, C++, JAVA, COBOL, JCL, Mainframes |
| **Test Build & Integration Tools** | Maven, ANT, Jenkins |
| **Frameworks** | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM) |
| **Utilities** | Eclipse, SVN, Git, FireBug, FirePath, AutoIT |
| **BI/ETL Tools** | Informatica, MSBI, Tableau, SAS |
| **Markup Languages** | HTML, XML |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Operating Systems** | Windows, UNIX, LINUX |

**Professional Experience:**

Ehealth -**Salt Lake City, UT Jan2016 – Present**

**QA Automation Engineer**

**eHealth Medicare** contains information and access to Medicare insurance plans for people who are eligible for Medicare. It is operated by eHealthInsurance Services, Inc., a licensed health insurance agency certified to sell Medicare products. It has mainly 3 modules namely, Individual & family, Medicare, small business and Resources. I worked on Medicare and small business projects of UI testing which involved Selenium automation and Soap UI on different jquery web element and forms. I participated in end to end testing where web services, UI and database testing is involved. Validated forms by automating the scripts and passing different values.

**Responsibilities:**

* Worked under SCRUM( Agile) Methodology to test the application. Designed technical and functional documents, Reviewed requirements and attended Kickoff meetings.
* Have been part of **IPT** (Integrated Program Testing) and **APT** (Application Program Testing) Regression – Automation as well as Manual.
* Created Hybrid/Data Driven Framework using **Java, Selenium Web Driver** and TestNG and used selenium to automate the Test Cases and performed functional testing of the front end.
* Expert in managing Reports, **Automation status**, **Tracking of Bugs**, **Regression reports**, **Code debugs** etc.
* Co-ordinate with business analyst to identifytest scenarios and wrote user acceptance test cases using Gherkin.
* Created test Scripts in **SOAP UI** and **Restful** for **Testing Web Services**.
* Carried out parallel testing using **selenium Web Driver** and TestNG.
* Maintained up to date automation scripts used in regression testing along with frequent data changes.
* Automated Windows GUI and general scripting using**AutoIT**.
* Performed Selenium **Synchronization** of the scripts for **Ajax** web pages and application background processing.
* Updated the Scripts by executing the **Regression** suites built using Selenium and TestNG and performed Regression testing after each build release of the application.
* Involved in testing application on different mobile Platform such as **iOS** and Android devices using Appium.
* Run Compatibility Testing (cross Windows/ Mac and Android/ iOS platforms, cross browsers, cross mobile devices - phones, tablets, iPads etc) using Selenium Grid.
* Proficiency in interacting with **Oracle, SQL Server** and **DB2 databases using SQL.**
* Maintained the Java and selenium test source code and resources in the **GIT** source control repository tool.
* Analyzed test results, tracked the defects and generated reports using **JIRA**.
* Used **SQL queries** to do backend testing to perform **data validation**, **data migration/data conversionvalidation.**
* Actively participated **Agile and scrum meetings**, review and developed test scenarios.
* Participated in design Walkthroughs and Inspection meetings to review Test scripts and results.

**Environment:** Java 1.7, Selenium IDE, Selenium Web Driver, Eclipse 3.4, Windows, SQL Server 2012, Html, XML, Firefox, Fire Path, Firebug, XPath, CSS, J-Unit, Test Ng, Jenkins, SOAP UI 4.5, JIRA, Agile/SCRUM, Maven3.2.1, Cucumber.

**American Family Insurance -Madison, WI June 2014 -Dec 2015**

**QA Automation Engineer**

**American Family Insurance**, also abbreviated as **AmFam**, is a private [mutual company](https://en.wikipedia.org/wiki/Mutual_company) that focuses on [property](https://en.wikipedia.org/wiki/Property_insurance), [casualty](https://en.wikipedia.org/wiki/Casualty_insurance), and [auto insurance](https://en.wikipedia.org/wiki/Auto_insurance), and also offers commercial insurance, [life](https://en.wikipedia.org/wiki/Life_insurance), [health](https://en.wikipedia.org/wiki/Health_insurance), and [homeowners](https://en.wikipedia.org/wiki/Home_insurance) coverage as well as [investment](https://en.wikipedia.org/wiki/Investment) and [retirement](https://en.wikipedia.org/wiki/Retirement)-planning products. I worked on claims Modules testing UI for different property claims involving 4 steps reporting, contacting the customer, reviewing the claim and completing the claim. One can check the status of the claim at any step just with a single click.

**Responsibilities:**

* Developed automation test scripts using functional and data driven framework in **Selenium** for each module within the application.
* Assessed and analyzed user stories and participated in Sprint planning, Review Sessions, Retrospective & Scrum Meetings and developed **Test scenarios, Test cases, Test data, Test procedures**.
* Maintained the Java and selenium test source code and resources in the **GIT source** control repository tool.
* Worked on **Android, Windows Mobile platforms to qualify applications.**
* Utilized Testing new feature (**TestNG Reporting**, **IReporter** Interface and **Screenshot**), **Soft Assertion**, to capture multiple failures of the test case instead of stopping at the first failure.
* Created scripts to automate **Windows pop-ups** using **AutoIT**
* Wrote **Maven** build scripts to automate the compilation and execution of Testingtest Cases/suites.
* Created **Cucumber** Feature Files comprising of various Test Scenarios and Step Definitions for **BDD** (Behavior Driven Development).
* Designed Data Driven Framework to extract the data from excel sheets using **Apache POI** and to drive the data into the test cases.
* Involved in developing of Hybrid framework with **POM** to test the web application and used **Maven** build tool to implement the framework dependency jar files.
* Design & Build Automation Framework from scratch using **Selenium Web Driver, Eclipse, TestNG** and **Java**.
* Used **Firebug, Fire Path to debug**, edit and locate the objects based on ID, Name, **XPath, CssSelector**, **Link, Partial Link, Attributes and Tags.**
* Tested broken links and inter application links (page redirects to respective URL's) in development, test and production environments.
* Contributed automation in **soapUI** using groovy scripting.
* Good understanding of working on the applications developed for touch screen phones by using the emulator in Android studio and connecting it to **Appium** Server- Client using DesiredCapabilities of webdriver.
* Involved in Web services testing using **SOAPUI** Tool. Validated request and response **XML**. Added assertions to validate the **XML in Web services SOAP and RESTFUL service.**
* Involved with Risk team to fraud check testing and performed End to End testing and **UAT testing**.
* Performed Cross browser testing in different browsers and operating system by using **Selenium Grid.**

**Environment:** Java, Selenium WebDriver, TestNG, Jenkins, Cucumber, SOAP UI, Agile, Maven, XPATH, Firebug, XML, HTML, CSS, Eclipse, Quality Center, SQL, Windows, Jira.

**Aetna Inc - Hartford, CTMay 2012-May 2014**

**QA Automation Engineer**

**Aetna Inc** is an American [managed health care](https://en.wikipedia.org/wiki/Managed_health_care) company, which sells traditional and [consumer directed health care](https://en.wikipedia.org/wiki/Consumer_directed_health_care) insurance plans and related services, such as medical, pharmaceutical, dental, behavioral health, long-term care, and disability plans. Aetna is a member of the [Fortune 100](https://en.wikipedia.org/wiki/Fortune_100). Performed UI and database testing for producers module in both web and mobile. Using testing created multiple testsuites to check different scenarios with the providers.

**Responsibilities**:

* Developed test cases and scripts for **GUI testing, functionality testing and regression testing**.
* Prepared Test cases for positive and negative test scenarios as referred in the user stories keeping in mind Boundary Value Limitations, Equivalence classes.
* Used FireBug, FirePath to debug, edit and locate the objects based on ID, Name**, XPath, CssSelector**, **Link, Partial Link, Attributes and Tags.**
* Developing test and defect reports and test scripts in Selenium Environment
* Implemented the **selenium synchronization** using the implicit and explicit wait methods.
* Responsible for Executing **Test cases**, **Test Procedures** and Records Defects.
* Performed **Web services** testing using RESTASSURE plug-in and have automated RESTful API’s.
* Implemented test automation for handling **Popups** windows using **Web Driver** and Alert interface class.
* Performed testing on Web Services using **WSDL and SOAPUI** to check the communication between devices over networks
* Performed Cross browser testing in different browsers and operating system by using Selenium Grid.
* Involved in performing **the Mobile Testing manually** for Device specific check, Network specific checks (Wi-Fi, 2G, 3G, Offline mode, Airplane mode), Interruption testing
* Created test reports generated out of **TestNG** and captured the error screenshots.
* Performed **BDD** (Behavior Driven Development) using **Cucumber** Features, Scenarios and Step Definitions in Gherkins format.
* Configured **Jenkins** build job for continuous Integration and also for **Regression Testing**.
* Conducted backend testing using **SQL queries** to validate data for database and Used SQL queries for retrieving data from database for executing user specific test cases.

**Environment:**Java, Web Driver, Selenium IDE, HTML, XML, Rally, Microsoft Office, SVN, Eclipse, JUnit, Ant, SQL, Mobile Testing

**Zebra Technologies -Lincolnshire, IL.June 2010 -April 2012**

**QA Engineer**

**Zebra Technologies** is a public company based in [Lincolnshire, Illinois](https://en.wikipedia.org/wiki/Lincolnshire,_Illinois), USA, that manufactures and sells marking, tracking and [computer printing](https://en.wikipedia.org/wiki/Printer_%28computing%29) technologies. Its products include thermal [barcode](https://en.wikipedia.org/wiki/Barcode) label and receipt printers, RFID smart label printers/encoders/fixed & handheld readers/antennas, and card and kiosk printers that are used for barcode

labeling, personal identification and specialty printing principally in the manufacturing supply chain, retail, healthcare and government sectors. I performed manual testing for products module and chatting module.

**Responsibilities**:

* Used **SQL & PL/SQL** for data validation as part of Oracle Database Testing.
* Worked with QTP to create, manage and execute Test Sets.
* Developed manual Test Script and converted to automated script usingQuick Test Professional (QTP).
* Conducted **sanity testing** of the application based on user requirements.
* Tracked bugs using **Quality Center(QC)/ALM** and performed Regression Testing ofthe entire application once the bugs are fixed.
* Inserted verification checkpoints, synchronization points, andparameterized data using QTP.
* Used Data Driven Testing methodology to test the application with multiple sets of data.
* Performed Load Testing and Stress Testing on various modules using **Load Runner**.
* Performed **Back End Testing** and wrote queries to retrieve relevant data using SQL from Oracle 10g.
* Good Expertise in VB Script and Automation Infrastructure Development.
* Good Exposure in Using of QTP Integrated Environment (Step Generator, Synchronization, Actions, Recovery Scenarios and Methods etc.).
* Creating **Automation Scripts (VBScript)**in the sprints and stored them in the **Test-Plan**module of **Quality Center.**The tests were created to testfor Back-end (oracle-DB2 integration testing).
* Created defect tasks in **QC**, and integrating it with JIRA.

**Environment:**VB Script, AC/ALM, QTP, Load Runner, MySQL, Jira, SOAP UI, REST.

**Bharat Sanchar Nigam Limited - Hyderabad, India. June 2008 - May 2010**

**ETL Tester**

**Bharat Sanchar Nigam Limited** (abbreviated BSNL) is an Indian [state-owned](https://en.wikipedia.org/wiki/State-owned)[telecommunications](https://en.wikipedia.org/wiki/Telecommunications) company. Here I performed ETL testing where I analyzed different transformations, filters, sources and destinations in a package. I was mainly responsible to check the data flow in the system in UAT and QA environments.

**Responsibilities:**

* Involved in installation and configuration of **SQL server** 2008 on Servers.
* Responsibilities also involved System**, Functional, Regression testing, Data Base Testing and Performance testing**
* A Skillful tester with quite good experience in **manual testing**
* Involved in different phases of **Software Testing Life Cycle** like Requirement Analysis**, Test Planning**, Drafting Test Strategy, **Test Design**, **Test Execution and Defect Tracking**
* Reporting and **Tracking Bugs in Bug Zilla**.
* Troubleshoot and minimize production down issues.
* Designed new job process, new database maintenance plans**, SSIS programs** and did performance tuning of the existing processes.
* Created Scheduled maintenances and backup procedures to the database as a disaster recovery method.
* Involved in data flow management of a workflow using different filters Normalizer Transformation, Aggregator Transformation, Sequence Generator Transformation, Expression Transformation.
* Monitor failed and long running **MS SQL Server jobs.**
* Monitor, tune, and analyze database performance and allocate server resources to achieve optimum database performance.
* Maintaining User account administration for Different domains.

**Environment:**MS SQL Server 2008, SSIS, Visual Studio 2005, C#.