Sanjay Kumar

# PROFESSIONAL BRIEF

* Over **8 years** of experience and in Software Industry with **Quality Assurance** and Manual, Functional, Automation Testing of Web applications and **Mobile applications** developed in Web, Mobile, and Client/Server environment using **Agile** and Scrum test methodologies.
* 4+ Years **Java development** Experience with **Spring** and **J2EEE** technologies.
* Hands on Knowledge of **SOAPUI**, **Rest API Web Services** and **SOA**.
* Hands on Experience in databases such as **MYSQL**, **Microsoft SQL Server**, **ORACLE**. **Mongodb** (No Sql).
* Strong Experience in Core Java and **J2EE** technologies like **JSP**, **JDBC**, JavaBeans, **HTML**, **CSS**, **JavaScript** and XML.
* Experienced working in Spring framework and **MVC** architecture.
* Extensively used **XML** Parsers.
* Experienced with server technology, **NodeJS with Express** framework**.**
* Strong experience with **JQuery**
* Strong experience in designing and working with **MySQL** and **Mongo** **DB**
* Strong experience with Mongoose, used to access **MongoDB** on the server
* Strong experience in all phases of Software Development Life Cycle Analysis, Design, Coding and Testing **Unit Testing** with **JUnit**, **Functional Testing**
* Experiences in **Banking**, **Insurance** and **Healthcare** domain.
* Proficient as **Mobile App** **Tester** in testing Web applications and Mobile applications on **iOS** and **Android Platforms**.
* Strong understanding of **SDLC,** **Waterfall**, **Agile software lifecycle methodology and related tools like Rally and JIRA**
* Experienced in automation of Test Activity using **Selenium IDE/ Web Driver, TestNG, JUNIT Frameworks and Microsoft Frameworks**
* Knowledge of **Cucumber** tool and **Gherkin** language.
* **Proficient in writing test cases using Selenium Web Driver 2.x and automating the functional testing**
* **Experienced in Black Box, Functional, System, Regression, Integration, GUI testing using both Manual and Automation Techniques**
* **Expertise in automating the software testing using Selenium IDE/RC/Grid, Web Driver, QTP, and Firebug, HTTP Analyzer, Paros Proxy**
* Hands-on coding using **Java and Writing Selenium Web Driver Test Cases** with **Java**
* **Well versed with Java Testing Frameworks like Test NG and JUNIT**
* Expertise in Problem solving and Defect Tracking Tools like **Quality Center, BugZilla and JIRA**.
* Extensive knowledge of **Software Development Life Cycle (SDLC)**, **Methodologies** and Test Processes.
* Experience in Configuration Management tools like **TFS,SVN and GIT**
* Hands on experience in **Test Planning, Test Case design, Test case review, Test case execution** and bug tracking

# TECHNICAL SKILLS

* Testing Tools **Selenium Web Driver, JUNIT 3/4, QTP/UFT, Test NG, Firebug, FirePath**
* Testing(Automation) Automation testing Using **Java**, **Web Services API** Testing, **Appium**
* Java API Servlets, JSP,JDBC, Spring, Hibernate, **Spring Rest Template, Jersey/ Apache HTTP Client**
* Web Services **SOAP UI PRO, Postman, Chrome API Tester, SOAP , RESTFUL, WSDL, XML, JSON**
* Testing(Manual) Application Testing , Functional, Database, Cross Browser Testing, System Testing
* Bug Tracking Tools **QC, JIRA/ Rally**, Team Foundation Server(**TFS**) , Test Track Pro
* Languages/ Scripts **Java, C#, C++, VB Script, Java Script, Html, Swift**
* Database Oracle, MySQL, MSSQL Server, **Mongodb**
* Tools TOAD, Eclipse, Sublime, , XPath, Firebug, FirePath, Visual Studio, .NET Framework
* Development Lifecycle Agile/ Scrum, Waterfall

# EDUCATION

Bachelor of Science in Computers from Gujarat, India

# WORK EXPERIENCE

**Anthem Blue Cross Health Care (Software Quality Engineer), CA Feb 2015 – till date**

Anthem is a trusted Health Insurance company provides Health Care Plan Provider across USA. Online system feathers a line of Health care, Medical, Dental, life and disability insurance products. Anthem Insurance provides Enhanced Personal Health Care Program and new service offers Members Quality and Cost Guidance, Health Care Reform Updates and Notification, Information about Health Insurance Exchanges.

**Responsibilities:**

* Extensive experience in testing applications implemented in **Java**, Selenium, **JavaScript**, XML, HTML, SOAP, SQL Server and My SQL.
* Validating the **Restful web services using framework developed using Apache HTTP Client, TEST NG, Jackson, JAXB Parser**
* Working on the Agile Stories and Prepared Test Plan, Test Scripts, Test Scenarios, Execution and Preparing the Reports for Defect Meeting.
* Performed testing and validate the response data from **Mongodb**.
* Worked on both Manual and Automation of the application using **Selenium Web Driver using Java Language**
* Worked on **Page** **Object** **Factory**, **Data** **Driven** **Framework** using **Java, TestNG, Maven, JXL, Selenium Web Driver, Log4j**
* Validated Ajax Based controls, multiple windows using Selenium Web Driver
* Performed cross browser testing using **Selenium Web Driver and Test NG**
* Recording and writing Test Scripts and Add-ins using **UFT 11.5** with **Descriptive programming**.
* Performed **GUI interface testing** at client side using **UFT**.
* Developed Automated Test Scripts for Functional Testing using **UFT**.

**Environment: Selenium Web Driver 2**, Agile, rally, Java, CSS, HTML, XML, JavaScript, Eclipse, **VB Script** ,Rally, **UFT**, JAVA, TestNG, **SOAP UI, Restful API testing, Apache HTTP Client, JAXB, Jackson, XML, JSON, Jenkins, XPath, Firebug/ FirePath,** **JXL, Log4j, JDBC,** Mobile Testing, Oracle, SQL, TOAD, Firebug, Mongo DB, WinSCP, Shell Scripts, Linux

**Union Bank (QA Engineer), CA Dec 2013 - Jan 2015**

Union Bank one of the premium banks in USA provides deposit, credit, trust and investment services to a broad range of retails, business and institutional clients. The online system provides services to its customer for accessing their accounts and doing banking operations online. The System is developed using Java/ J2EE technologies with WebSphere, Oracle, and Unix Server using Agile Development methodogly.

**Responsibilities:**

* Reviewed Project Requirements and Prepared Test Plan, Test Scripts, Test Scenarios and Test Strategy.
* Used **Selenium WebDriver** and written the scripts using Java.
* Developed the **Mobile automation script** using **Appium**.
* Performed **Automation and Manual Testing** on **Mobile Application**.
* Created automatic test scripts using for testing **Web Application**.
* **Developed Test Scripts in Java.** Thorough knowledge **of JavaScript, HTML, XML, CSS, JSON**
* Created test scripts in **Selenium** and enhanced those scripts using **Java API in Junit**.
* Created Test Scripts in **SOAU UI** and **Restful** for Testing **Web services.**
* Transformation of use cases to test scenarios and designing test plans and test cases.
* Used Quality Center for generating Requirements, **Test Sets, and Test Plan** and for reporting defects.
* Created parameterization tests by importing data from excel files and worked with data tables in **QTP**.
* Performed Smoke, Black Box, Validation and Compatibility testing of the application manually.
* Interacted with Technical team in providing clear solutions to requirements.
* Consolidated Test Results and Prepared Test Reports.

**Environment:** Java, **Eclipse, Selenium, Selenium IDE/Web Driver 2**, UNIX, Eclipse, JIRA, JAVA, JUnit, TestNG, SOAP UI, SOAP, Restful, Jenkins, XPath, CSS, **Appium**, Selenium IDE, HTML, XML, UNIX, JavaScript, Web Services, Mobile Testing, Web Sphere, IBM HTTP Server, MS Excel and Windows, Oracle 10g, SQL, TOAD, Firebug, Putty, Shell Scripts

**State Farm Insurance (Java Developer), IL Dec 2012 – Nov 2013**

State Farm Insurance is one of the National Insurance companies in USA handle various insurance like Auto, Home, Business, Flood and life Insurances and offer various plans for these. The Current application is used by the sales advisors, prospective customers and allows them to quote and create sales illustrations various products. The project has been developed using Java/ J2EE technologies.

**Responsibilities:**

* Involved in design, development, **unit testing** and **load testing** of the Application
* Built a presentation layer for Customer Service Module using Servlets/JSP and Spring framework.
* Built data-driven Web applications with server side J2EE technologies like Servlets/JSP.
* Generated dynamic Web pages with Java Server Pages **JSP**.
* Developed the application based on Spring **MVC** architecture and used the MVC framework.
* Used Spring **MVC** **Framework**, **JSP**, Servlets, **JavaScript**, **Ajax**, XSL, CSS and **HTML** for developing UI Screens.
* Used **Data Access layer** and Persistence layer using **JDBC**.
* Analyzed requirements and designed a Graphical User Interface G.U.I.
* The GUI was designed on the base of **MVC** design-patterns
* Techniques and troubleshooting tips for installing **JVM** and Tomcat on Windows and UNIX/Linux systems.
* Used Web servers like Apache and IIS with Tomcat to serve static content.
* Developed **JUnit** **Test** Cases for Service Layer and **DAOs**.
* Developed Client applications to consume the Web services based on both **SOAP** and **REST** protocol.
* Implemented SQL Queries and Triggers using **MySQL** **Server**

**Environment: Java 1.5, J2EE,** EJB**, JDBC, HTML, Maven, Agile methodology, MySQL, RDBMS, Eclipse, MySQL Server, AJAX, XML, JavaScript, CSS, Spring, JDBC, HTML, Web Services.**

**Net Spend (Java Developer), TX Jul 2009 – Oct 2011**

Net Spend Card Management Web based provides access to the customer for managing cards information and pay online. The application is developed using Java, J2EE technologies.

**Responsibilities:**

* Participated in the daily Stand Up meetings to discuss status and blockers
* Responsible for requirements analysis, technical design, implementation, testing and documentation.
* Developed critical components of the application including **Spring** forms, **Spring controllers**, **JSP** views, and business logic and data logic components that include Hibernate Entities, Spring-Hibernate DAO and Spring models following **MVC** architecture.
* Involved in implementation of matching functionality between account and offers and also the functionality to manage customer communication and channel preferences using **Spring** and **Hibernate**.
* Used **Hibernate** persistence framework on the backend against Oracle database for billing details PDF generation flow.
* Written extensive **JUnit** testing classes for comprehensive coverage of test cases.
* Involved in designing and development of presentation layer for monthly bill comparison chart using **JSP**, **JSTL**, and **HTML** Integration of Net Spend Payment Gateway using **SOAP** WS for Auto Payment flow.
* Development to expose User Profile services to other departments users using Restful WS.

**Environment:** SQL, **Oracle**, XML, **Java, J2EE**, **Spring** **MVC**, **Hibernate, Web Services, SOAP, Restful, SOAP UI, WSDL**, Eclipse, HTML, Java Script, CSS, SVN, DB Visualize, AGILE, Rally, JDBC, MS Excel,

**Elite core Technologies Feb 2008 – Apr 2009**

**Java Developer**

**Description:** Elite core is the provider of NG OSS BSS solutions to Telecom Operators/ISP/Residential/Enterprise/Small and Medium service across the globe. Elite core has a decade of experience in serving telecom operators offering Core Billing, Charging & Session Control solutions & services

**Responsibilities:**

This application is based on Struts framework Struts architecture is a variation of the classic Model-View Controller (MVC) design paradigm.

* Used **spring’s** IOC, AOP and auto wiring concepts in developing the application.
* Used **Hibernate** to map the database with **POJO** using hbm.xml files.
* Designed the Architecture of the project as per **MVC** standards.
* Designed and developed the front end using HTML**, AJAX, JavaScript, and JSP**. Worked on scheduling pages and handled Screen validations.
* Involved in different phases of **SDLC** Life Cycle.
* Developed and implemented applications using Eclipse.
* Active participant in team meetings.
* Developed Web forms using **Web Services** and **JSP**
* Designed and implemented components that convert data to valid XML that is transformed by XSL/XSLT files to HTML.
* Worked on **CSS, HTML, JSP** and **GUI**.
* Involved in **Unit Testing** and other testing process.
* Used a different layer called Exception Layer to handle Exceptions.
* Create documentation as required.
* Participate with ad-hoc troubleshooting, functionality problems and performance bottlenecks as needed.

**Environment:** **Java**, **J2EE**, **SPRING MVC**, **Hibernate**, **Web Services (Restful)**, Oracle, SQL, PL/SQL, **JUNIT**, ANT, Log4j, MAVEN, Eclipse, Agile, Web Logic, **Windows**, Linux