**Sony Chakradhar**

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**PROFESSIONAL PROFILE**

* Software Professional with 5+ years of diversified experience in Quality Assurance, White Box and Software Development.
* Extensive experience in testing Webservices, Client/Server and Web-based Applications
* Experienced in functional testing, reviewing and analyzing business requirements and writing detailed **Test Plans, Test Cases** and **RTM** (Requirement Traceability Matrix)
* Skilled in different testing such as black box testing, white box testing, GUI testing, back-end testing, browser compatibility testing, functional testing, UAT, Regression testing, System Integration and End to End Testing (E2E).
* Mobile Testing with **Appium** and **Protractor**.
* Experience Automation Engineer in Agile Development Environment.
* Performed End to End Testing (E2E) on AngularJS Framework using **Protractor**.
* Outstanding knowledge of automated tools as well as their management and maintenance includes Selenium Web Driver, **Protractor**, NighwatchJS with testing Framework such as **TestNG** and **JUnit**.
* Good expertise in creating and executing test scripts, test cases and data sets on the basis of product release features, client requirements, technical documents
* Hands on experience in various software development methodologies like **Agile** and **Waterfall** model.
* Experienced in managing defect life cycle using **HP Quality Center/ALM** and **JIRA**
* Experienced in managing agile project by creating story/defect, assigning task & tracking defect using **Version One** & **JIRA**
* Experience with Performance and Load testing using **JMeter**.
* Extensively used ALM /QC (Quality Center) to write & execute Test Cases, and track Defect
* Experienced in Verifying, Validating and performing Functional, Performance, System, Integration Scalability, White Box testing, User Interface and Regression testing of Application Software
* Developed automated scripts for **Regression testing**, **debug and enhance** the scripts, run **scripts**, wrote user-defined functions etc.
* Thoroughly conducted **compatibility testing** to support IE7+, Edge, Firefox, Safari, Opera, and Chrome.
* Experienced in testing **Mobile Application** both in Emulator/Simulator and Real Devices. Tested mobile customized website using Chrome User Agent.
* Knowledge in writing & executing test cases, reporting & tracking defect, preparing test report and build test automation suite automation tools like **Selenium Web Driver**
* Participated in **Pre-UAT and UAT testing** and helped the client testing team in execution.
* Wrote complex **SQL query** by joining multiple tables according business logic for data validation
* Experienced in **Back-End** testing to ensure data consistency on front-end by writing and executing **SQL queries**
* Good working knowledge of major Operating Systems such as Windows 98, 2000, XP, Vista, 7 and UNIX
* Has good knowledge of web technologies like **Web Services, SOAP**, XML, HTML, VB Script, Java
* Maintaining the **Traceability matrix** and defect tracking using different tools like ALM Quality center, Quality Center and Rational Clear Quest
* Excellent communication and writing skills with the ability to adapt to new and dynamic environments
* Ability to multi-task, prioritize and work with time constraints while paying attention to details.
* Excellent communication, problem solving skills, coordination, documentation, project planning and interpersonal skills equally capable of working efficiently under pressure, manage multiple projects and cross train sub-ordinates in other Functional areas

**SKILL SET**

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| **Programming Languages** | C, C++, C#, Visual Studio, SQL, PL/SQL, VB, Shell Scripts, Java, Java Script, HTML, XML |
| **Operating Systems** | Multiple Windows, Mac Operating, Windows 2000, Windows Server 2003, UNIX, Linux, Solaris |
| **Databases** | SQL Server 2005/2000, Oracle 9i,10g, SQL Server, DB2, Cassandra MS Access |
| **Testing Tools** | ALM/Quality Center 11.0, Performance center, JIRA, Selenium, JUnit |
| **Defect Tracking Tools** | Quality Center, Clear Quest, Bugzilla |
| **Web Services Testing Tools** | SOAP UI 4.5, 4.6.3 |
| **Web Technologies** | AngularJS, HTML5, CSS, XML, XPATH, SOAP, REST and JSON |
| **Web Automation Framework** | Protractor, Cucumber, Selenium, WebDriver |
| **Imaging Tools** | Adobe Photoshop, Snag It 12.0 |
| **Version Control Tool** | Share Point |
| **Mobile Platform** | iOS, Android, Windows Mobile |

**PROFESSIONAL EXPERIENCE**

**American Airlines, Ft Worth, Texas June 2017 – Present**

**QA Analyst**

**Description:** American Airlines, Inc., headquartered in Fort Worth, Texas. It is the world's largest airline when measured by fleet size, revenue, scheduled passenger-kilometers flown, and number of destinations served.

**Responsibilities:**

* Integrated Sonar, Nexus, Cucumber, JMeter plugins for Jenkins for continuous deployment process.
* Participated in Load Testing using Apache JMeter.
* Extensively used Jmeter to measure performance of the GMEP2.0 applications.
* Developed Performance Test plan, executed Load testing, analyzed the results and generated testing Reports Using Jmeter.
* Developed scenario-based testing for the JMeter scripts.
* Prepared and executed of test scripts using JMeter and SOAP UI tool to perform Web Services testing.
* Created Selenium automation scripts in JAVA using JUnit.
* Involved in setting up configuring the testing environment with Eclipse, Junit, Selenium WebDriver
* Worked on developing the automation scripts using Selenium and executed JUNIT tests.
* Involved in automation environment setup using Eclipse IDE, Java, Selenium WebDriver jars and JUnit
* Automated regression and functional test suites using Selenium WebDriver with JUnit Framework.
* Used Java as client library for applications selenium to design and developed Automation test Framework using JUnit.
* Used Java as client library for Mobile applications and WebDriver to design and developed Automation test Framework using JUnit, Cucumber.
* Maintaining the test cases in JUNIT and TESTNG updating them as new functionality is implemented.
* Implemented Test cases using JUnit and Tested web services with REST Client.
* Performed Smoke Testing, **End-to-End** Functionality Testing, Adhoc Testing, Regression Testing, Integration Testing and User Acceptance Testing (UAT)
* Created formal documentation for HPQC migration project as a part of transition and did entire IT department wide
* Performed walkthroughs with Development, BA and UAT team.
* Track defects and **change** **requests** to closure using Quality Center
* Validated accuracy of data sets and correct for downstream system accesses
* Involved in Web Services Testing using **SOAP UI** to track request and response SOAP messages
* Developed **Test Plan, Test scenarios, Test cases, Test** detailed test plan and test scripts in HP quality center
* Ensured requirements of the functional specification documents by preparing **Test Cases** & **Test Plans.**
* Provided daily / weekly testing status report to end client
* Worked with **HP ALM** during integration, regression and UAT testing cycles
* Developed test strategy documents and worked on getting approval from senior management
* Participate in Daily **Agile Scrum** “Stand-up”, **Sprint Planning** and **Retrospective Sessions** and update the team on status of upcoming User Stories in **Jira**
* Ensured development teams are following the defined process and adhering to development standards
* Managed bug tracking, ensuring that bugs are tracked and assigned, resolved and tested using the defect tracking system.
* Ensured development teams are following the defined process and adhering to development standards

Application and web applications

* Worked with developers onshore/offshore to understand enhancements/changes.
* Created different scenario for making sure that functionality is not impacted by the changes. Created daily status reports and handled defect management.
* Implemented QA Project Execution process, Test Strategy, QA Reference Page, **QA Kickoff Meeting**, Test Plan, Show-Me, QA project status

**Environment:** HPQuality Center 11, .NET, Visual Studio, Soap UI, JIRA, Oracle, SQL, PL/SQL, Web Services, Snag It, Agile, SharePoint

**McDonald’s Corporation, Oak Brook, Illinois Jan 2016 – May 2017**

**Sr. QA Analyst**

**Description**: McDonald’s is the leading global foodservice retailer spread over 118 countries with more than 31,000 restaurants serving more than 58 million people each day with revenue of $23.5 billion. Build Automation Framework for AngularJS in JavaScript, Protractor and WebDriver.

**Responsibilities:**

* Used Appium, Robotium, Xcode for Native Mobile Application automation testing for iOS and Android platform.
* Created and maintained SQL queries to verify the Job Details of the Freelancer in Promotion from the database.
* Responsible for defining automation standard and rule required for building automation specific test lab for conducting smoke test, function and regression.
* Performed Web Service API testing for UI content verification and validation with business logic XML Schema.
* Coordinated with offshore team to meet internal deadlines.
* Interaction with the customer team to understand the functional/non-functional requirements.
* System understanding of the existing applications and working closely with Business and technical **stakeholder** to manage ongoing changes.
* Impact analysis of new requirements and **change requests** (CR’s).
* Involved in SOAP and Restful **web services** using SOAP UI
* Involved in **Web Services** Testing using **SOAP UI** to track request and response SOAP messages
* Interacted with business analysts and developers in **Agile** Development and **SCRUM** process throughout the entire project.
* Involved and participated Offshore Knowledge transfer sessions.
* Proactively participate in the discovery/design sessions to ensure that the design of the functionality is complete from the QA perspective and the application can be effectively tested.
* Interaction with IT and Business team to understand the functional/non-functional requirements.
* Experience of writing, debugging, and evaluating code in C / C++, C#, .Net
* Participated in **Regression testing** after each build to make sure that the bug has been fixed and the application is running properly.
* Tested applications compatibility on different platforms (Windows, Mac OS), performed browser **compatibility testing** in different browser versions (IE8, IE9, Firefox, Safari and Chrome) and Mobile Devices (iOS, Android, Windows Phone).
* Create and conduct internal QA review of the **Test Execution** Plan.
* Participated in **Daily Stand Up** meeting.

**Environment:** SOAP UI, HTML, JIRA, AGILE, JavaScript, Protractor, TestNG, Jenkins, SharePoint

**AT&T Inc., Irving, TX. Aug 2012- Dec 2015  
QA Analyst**

**Description**: AT&T is one of the nation’s largest wireless companies. AT&T offers a comprehensive range of wireless and wireline communications services bringing the freedom of mobility to consumers, businesses and government users.

**Responsibilities:**

* Worked on multiple projects as a QA Tester during my tenure.
* Created **Test Plans**, **Test Scenarios**, **Test Cases**, Expected results for the **System Testing** of web application.
* Performed White-box testing and Test automation using **JUnit**
* Create Automation Testing Framework in JavaScript using Selenium WebDriver Windows and Mac.
* Designed entire framework to support Test Driven Development (TDD) by making use of Page Object Model Design through Webdriver and developed a generic repository
* Implemented Selenium Grid to do parallel testing and compatibility testing with all   
  Browsers and Operating Systems.
* Used Appium, Espresso, Xcode for Native Mobile Application automation testing for iOS and Android platform.
* Created Automated Frameworks using Appium configured in Java, TestNG environment to Performed Functional testing.
* Created Continuous Integration with Jenkins and Travis CI Server. On Every Commit to Master Branch Jenkins runs P0 tests cases and notify the committers of any issue and proving every -one with visual board that Highlights any failing test plan.
* Responsible for defining automation standard and rule required for building automation specific test lab for conducting smoke test, function and regression and 24/7 automation health check scripts.
* Maintain Testing Environment and Troubleshoot Server Configuration Issues.
* Identify any **potential quality issues** per defined process and escalate potential quality issues immediately to management.
* Performed the browser **compatibility testing** for the employee portal (IE6, IE7, Firefox, Safari, Google chrome)
* Worked extensively with multiple versions of browsers Chrome, IE and Firefox to test the application’s compatibility. Conducted mobile apps testing across the web.
* Test Mobile app’s behavior under various interruptions: battery strength (full/medium/low), incoming calls, SMS, video calls
* Collaborated with all teams within the **agile** environment
* Tested the Import Data functionality, which involved importing the data from **XML/Excel** files and validating the correctness of the data in the **back-end**
* Using Test Cases performed Manual Testing like **Positive Testing** and **Negative Testing**.
* Responsible for conducting smoke, functional, UI, regression testing as well as ad-hock testing of the web application and mobile application.
* Involved in **User Acceptance Testing**, **GUI Testing**, and **Regression testing** on different **versions** of the application.
* Used HP **Quality Center** for the defects tracking purpose and discussed severity level defects in the meeting with the project team.
* Performed **Sanity**, **Smoke** and **Ad Hoc** testing on SIT and UAT environments and reported issued to the team.
* Carried out **Integration tests** to check the interfacing between sub modules.
* Test execution Activity (tracked in QC) involving functional, Database, regression and Web services testing
* Installed, configured **SOAP UI** to test web services using WSDL file given by Development team.
* Creating issues on **JIRA** and assigning the bugs to the junior engineers.
* Good working knowledge of ASAP methodology and expert in analyzing \'AS IS\' & \'TO BE\' status of the client and suggesting the solutions best suited for the implementation **Scripts** and **Traceability** Matrix.
* Conducting defect triage meeting, internal and external reviews as well as formal walkthroughs and participated in status meetings
* Worked with offshore team on daily basis for production issues and handling multiple projects.
* Guided team to build industry best practices into **QA Test processes** and evaluated quality risk for product releases, changes, and fixes.

**Environment**:  HP QC, SOAP UI, Java, HTML, Agile, Python, JIRA, Web Driver, Xcode, JavaScript, Protractor, Java, TestNG, Jenkins.