Bodigam | QA Engineer (Mobile App)

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**Professional Summary:-**

* 5+ Years of rich experience in mobile App, Web application and IoT with AI voice assistant testing, test plan generation, test case execution and test report generation for execs.
* Automation using Appium and selenium with Java and automation infrastructure setup from scratch.
* Creating test case scenarios - Creating test scripts - Performed UAT Testing - Document results & testing solutions in an Agile environment.
* Experience in creating test data and end to end testing for POS devices/application.
* Worked on tools like github, Jenkins, Eclipse, Selenium, Sauce-Labs, Postman
* Experience with HP ALM, QA Complete, ClearQuest, Redmine, FileZilla, Jira, Azure Dev-Ops
* Individual and independent contributor, involved in test planning & design, execution
* Experience with UNIX, basic knowledge of java.
* Skilled using test/issue management tools - Confidential Quality Center (QC)/ALM, JIRA, Zephyr, QAComplete
* Extensive experience on POS self - checkout / POS QA Testing, involved in setting of QA Test environment with simulated POS test environment; testing and validating POS transaction in accordance with ACI-Compliance.
* Experience on environment support on platforms and tools like Splunk, CA Lisa Spirent, Abacus.
* Experience in GUI Testing of Web and Mobile applications on smart phone and tablets. (IOS/Android). Performed testing on mobile content.
* Experience in Web based applications on various Platforms (Windows/Unix) and understanding of the components for common web based technology.
* Experience with Android Studio and XCode.
* **Experience in writing SQL**, can create own complex SQL queries to validate POS Transitions.
* Automated testing of Android client using Ubuntu, Sikuli X, Appium and JAVA.
* Developing iOS app that facilitates micro-donations to qualified 501c3 non-profit organizations.
* Built services class to manage connection to restful in-house API. All API calls are wrapped in Alamo fire and Promise kit frameworks.
* Testing the Client application and verifying the response on basis of Backend API and Automating and Testing of API.
* iPhone and Android Applications installation using Test Flight.
* Creating Automation Test Cases for Mobile (Android and iOS) applications using Appium.

**Technical Skills: -**

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| **Domains and Areas** | Testing and QA, Mobile App and Web App, IoT+Voice Assistant devices, Performance, Trouble shooting, Data analysis |
| **QA Methodology** | Test strategy and writing Test cases, Agile Scrum process, Smoke and regression testing, Test infrastructure setup, |
| **Automation framework** | Appium Mobile App automation, TestNG, Selenium, UIAutomatorViewer, GitHub |
| **Mobile and web tools** | Android studio, Fiddler, Sauce-Labs, WireShark, Appsee, Postman, Clevertap, Fabric crashlytics |
| **Testing and Debugging tools** | TestRail, Redmine, Microsoft VS TFS, Bugzilla, ADB logcat, Xcode |
| **Computer and Programming** | C,C#,Java, HTML5, CSS3, OOPS, UNIX, Windows |

**Professional Experience: -**

**Role: QA Analyst II Aug 19 - Present**

**Client: TaxAct, Irving, Texas**

**Responsibilities:**

* Project includes testing of three products Conversion Automation Tool, Dynamic UI Test page and Ionic Components.
* Worked with Conversion Automation Tool which converts old TAML files to JSON schema
* Co-ordinated with Product owners/BA/ Devs in writing up acceptance criteria required for QA Testing
* Reduced the gap between Development and Testing by getting the bugs/defects fixed by Devs and generally transitioned into In-sprint testing.
* Proficient in using Test Management tools like Quality Center, **JIRA, Zephyr** and **Azure DevOps.**
* Maintained feedback loop with Devs/BA regarding requirements and User acceptance criteria
* Identified Stories that may be out of scope or critical during sprint planning
* Assisted team as a technical resource for writing test cases in BDD and code review process
* Wrote Test cases in Azure Dev-ops for Mapping between IVS files and Json schema
* Performed both Manual and Automation Testing for all the components and functionality
* Used Linear Automation process for Automation of Dynamic UI Test page.
* Involved in implementation of Test Automation Framework using Selenium web-driver, TINAC and Maven Technologies under C# platform utilizing industry leading harness design patterns and approaches.
* Acted as a Quality advocate to maintain the project repo for the team
* Performed Cross-Browser Testing and Mobile Testing using Sauce-Labs and Appium
* Created Selenium Automation Scripts in C# using TINAC framework in Visual Studio.
* Scheduled Build runs twice daily for the DynamicUI repo.
* Monitored the failures during Build runs and got it fixed by end of each sprint.
* Used web-debugging tools like X-Path, Firebug, Fire-path to locate elements on DOM
* Created Test plans each sprint to write test cases in Azure Dev-ops
* Tested API's as part of Integration testing to determine if component meets functionality, reliability and security using POSTMAN.
* Wrote executed detailed **Mobile** **Test** **Cases** for **multiple projects** using **Zephyr TFS.**
* Maintained a confluence page regarding the Testing process for Automation of Dynamic Ui Test page
* Created Automation Charter for Dynamic UI Product
* Performed Code cleanup for the repo and eliminated unused code thereby reducing the run time by 45%
* Used Page Object Library (POL) process for Ionic component Automation.
* Used SonarQube to check any bad code or build failures in a Pull request.
* Participated in sprint ceremonies like Daily-Standup calls, Sprint Retro, Demo, Backlog grooming sessions etc.
* Triaging Bugs and management of tickets with the Dev Team
* Worked extensively in Agile Scrum environment of 2-week sprint cycles.

**Role: T-Mobile US, Bellevue, Washington May 18 – July 19**

**Client: Automation Test Engineer (QA)**

**Responsibilities: -**

* Automation setup and regression suite automation using Appium and TestNg in Java. Automation improvements.
* Analyzed Business Requirements and developed POS test scenarios and test cases using HP ALM and Participated in all phases of STLC.
* Extensive experience on Web services testing using **various party tools like Postman and SOAP UI**
* Tested hardware such as printers, scanners, POS cash drawers, credit card scanners, iPhone and iPad application.
* Involved in Integration, Regression, Performance, Validation, Functional and End-to-End testing on store and merchandising applications that interface with POS.
* Developing iOS app that use machine learning to help user avoid parking ticket by parsing data of curb parking signs.
* Did Web services Testing with Soap UI and Postman. Used WSDL and Injected XML through Soap UI in the environment to mimic response from client.
* Performed API Testing using postman tool.
* Involved in testing multiple POS apps. for iPod's, used for processing credit card transactions wirelessly in the retail stores.
* Creating Jira stories, Acceptance Criteria and participating in Agile Scrum meetings.
* Wrote QA Automation scripts in VSTS.
* Test Environement set-up of Collis EMV Testing utility for POS Transaction Testing.
* Troubleshooting real user feedback and converting them into actionable work items. Bug filing and tracking to closure.
* Analyzed multiple test scenarios for POS including tests to verify inventory, transactions, product sales, reports.
* Improved automation execution time by over 40%. Increased regression suite coverage by 25%.
* Used tools like Appsee, CleverTap, TestRail, Xcode, wireshark, Fiddler, Fabric Crashlytics daily.
* Used **Postman** for testing **RESTful web services/api**manually and also automated **RESTful web services/api** using **C#**.
* Oversaw end to end testing before first production deployment with zero P0 bugs on live site.
* Introduced and automated benchmarking and monitoring of performance testing on all partner websites
* Introduced Fiddler for Web proxy accuracy testing. Identified several P0 bugs using this technique.
* Analyze page source to identify potential proxy related issues e.g. 3rd party resource reference.
* Appraised by CTO for contribution towards successful first production deployment.

**Role: QA Tester June 17 – Mar 18**

**Client: EA Tiburon, Maitland, FL**

**Responsibilities: -**

* Thorough testing of all aspects of ASC internal/external products in an Agile/Waterfall methodology, including but not limited to interface design, user experience, documentation, performance, timer balance, UAT, mobile compatibility and compliance.
* Validation of Mobile app and supported OnStar services across multiple IOS and Android Platforms, as well as browsers.
* Performed test automation using VSTS
* Bug tracking using VSTS and PS (Product Studio).
* Involved in testing **REST services** using **Postman** and tested **JSON** formats data.
* Experienced in REST API testing using POSTMAN and RESTAssured using Java library.
* Use of the Bug tracking Tools JIRA and TFS(Team foundation server) in order to communicate with adjunct teams to solve issues that arise with the products and details on how to reproduce them.
* Web service (ESB) API testing using SoapUI and Postman.
* Created test planning and participated in execution for **API testing**using **POSTMAN**tool.
* Automation testing via Autohotkey/Selenium IDE. Classify and track defects in JIRA issue tracker and provide immediate feedback in test cases/sessions as assigned. Prioritize and disseminate information in a clear and precise way that is easily understood by 6+ Product Managers, 6+ Developers (1 Remote) through user stories, sprint meetings and face to face 1 on 1’s.
* Identify sprints with significant QA workload and help plan releases with minimal user impact.
* Perform full functionality testing in parallel with development, testing as new code is built within three environments.
* Leverage and adhere to Agile, CI/CD via ALM MS TFS and VST.
* Develop/execution of automated scripts using Microsoft custom .NET framework in VSTS.
* Responsible for design, planning and execution of regression and new functionality.
* Participation in daily standup call for sprint reviews.
* Triage of issues and management of tickets with development teams.
* Worked extensively in Agile environment of 2-week sprint cycles.

**Role: QA Tester Oct 16 – Mar 17**

**Client: AT&T, Atlanta, GA**

**Responsibilities:**

**Project Name**: Retail Testing

The platform is Retail Channel in AT&T for Consumer markets utilizing POS, LCD display, kiosk.

* Mobile POS testing on tablets - involved in first implementation of a mobile solution testing.
* Executing Scenarios and test cases during Regression & Functional cycles.
* Performed different types of testing, finding defects and entering the defects in QC and follow up the defect life cycles.
* Used Defect Management tool **Rally**and used**postman**to test**REST**.
* Tested the self-checkout stations were seamlessly integrated with the new POS system.
* Provided training on new Point of Sale (POS) functions to production support team.
* Given walkthrough of scope of testing to Business and development team.
* Automate Smoke test packs using Selenium, Certify and integrate with CI and CD via MS TFS, VSTS, Jenkins.
* Involved in test design, test planning, execution and test results preparation.
* Raising defects in QC and then tracking them to closure.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools for nightly batch run of the Script.
* Done SOA testing for Payments API & using Postman and C# .NET framework for web services testing.
* Used PUTTY to check the log errors on application crash.
* Performed Regression, Integration, Functional, UAT, and Smoke testing on web application.
* Executed the Test case and Test scripts and updated the Defect.
* Performed manual and automation testing on various parts of the application.
* Extensively using ALM (Application Life Cycle Management) for bug tracking.
* Involved in Triage meetings with developers.
* Raising environment, data defects in Redmine.

**Role: QA Analyst Jan 15 – June 16**

**Client: Iden Solutions, Hyderabad, India**

**Responsibilities:**

* Tested the Application8 using Black box Testing Techniques.
* Created, Updated and Reviewed of Test cases and Test Scenarios.
* Requirement as well as Impact Analysis of existing Mainframe system programs by using QTP.
* Performed Manual Functional testing and Regression Testing with QTP.
* Implemented XML, JavaScript, Web Services using C#.NET.
* Project is developed using waterfall methodology.
* Developed the user interface using ASP.NET, C# and designed web application front end UI using CSS, AngularJS, HTML, JQuery and JavaScript.
* Report bugs and set severity through step-by-step written reproduction and screen capture to Bugzilla.
* Wrote event based code in C# using server controls like Data grid and Data List.
* Ensure product deadlines and code freezes through communication with dev. team and VP of product.
* Responsible for Coordination with the Offshore/Onshore QA teams on a regular basis.
* Used SVN for version control of automated scripts.
* Performed End to End Testing and involved in User Acceptance Testing.
* Extensively used QTP integrated environment like Data Table, Actions, and Recovery scenarios.
* Executed and scheduled the automation test scripts from Quality Center.
* Automated the functionality and interface testing of the application using Quick Test Professional (QTP).