**Chetan Manne**

**SUMMARY**

* Total 8 years of IT experience includes Build & Release and Automation Engineer.
* Experienced in Test and software testing processes like Test Planning, Test Cases Design, Test Environment Setup, Test Data Setup, Defect Management, Test log, Test results, Test Traceability Matrix, Test Automation, User Acceptance Testing.
* Experienced in the design, implementation, and support of automated **Continuous Integration** (CI) and **Continuous Delivery** (CD) DevOps tooling, leveraging open-source Linux tool chains to support software development teams with the testing/packaging /build/release cycles of their native app, mobile-web, web-tier stack, databases and api services to endpoints including bare-metal, local virtualized, as well as cloud-based server workloads such as (AWS/VMWare/etc.).
* Deployed code on WebSphere Application Servers for Production, QA, and Development environments using **WSADMIN** scripts and integrated then with **Python** to enhance the functionality of the deployment process.
* Experienced in Build and Deployment of Java application on to different environments like Development, QA, UAT and Production, which includes designing, development and implementation.
* **Build and Release** Engineer with very strong experience in design, development of **Continuous** **Integration** Process and deployment of Internet, Intranet and Client/Server business applications.
* Extensively worked on **Jenkins, TeamCity** for **CI/CD** and for End-to-End automation for all build and deployments.
* Extensive experience using **MAVEN, Gradle** and **ANT** as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Knowledge and expertise in every phase of SDLC (Software Development Life Cycle), Experience as a **Build and Release Engineer** in **automating, building, deploying**, and **release** of code from one environment to other environment.
* Strong knowledge on source controller concepts like **Branching**, **Merging** and **Tags**.
* Developed and scheduled **bash shell** scripts for various activities (deployed environment verification, running database scripts, file manipulations, **Subversion (SVN)** etc.,)
* Good understanding of Quick Test Professional features like **Object Repository, Checkpoints, Object identification, Descriptive Programming, Exception Handling, Regular expression and Object Spy**.
* Designed and **Developed** the **test** **framework** using Appium/Selenium and TestNG for Mobile, Web and API.
* Well experienced testing, web applications, mobile native apps (**iOS** & **Android**).
* Good experience in creating test scripts using **WebDriver, Selenium RC, Selenium-IDE, Selenium Grid** in Java.
* Good experience in **OOPs** using **Core Java** and extensively **used classes, objects, data structures, inheritance, polymorphism, exception handling, packages, collection, reflection and many more**.
* Coded many helper and Utility classes in Java.
* Used Java **Log4j** logging framework for logging and debugging.
* Strong knowledge of **SQL** and able to write queries to verify data in **Oracle DB**.
* Expertise in API Testing using **Rest Assured, Postman** and **Soap UI Framework**.

**TECHNICAL SKILLS**

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| --- | --- |
| **Scripting Languages** | Java Script, VB Script |
| **Programming Languages** | C, Java. |
| **Testing\ Tools** | Selenium Web Driver/IDE, Quick Test Professional (11.5)/(UFT), HP ALM 11.0, Oracle Application Suite Test (OATS), Appium, Selenium IDE, RC, WebDriver, JMeter, Quality Center, Jbehave, Cucumber, SOAP UI.  |
| **Other Tools** | Test Link, Microsoft Office Suite (Word, Excel, Access, PowerPoint, Outlook), Adobe Acrobat, JIRA, SharePoint, splunk, Swagger UI, Test Rail.  |
| **Web Technologies** | Asp.net, PHP, JavaScript, HTML, XML, HTML 5.0, CSS |
| **No SQL Databases** | Cassandra 2.2.0, Mongo DB |
| **Databases** | Oracle 11g/10g/9i, My SQL, DB2, Sql Server 2005, Sql Server 2008, AWS |
| **Web and Application Server** | Apache Tomcat 7.0, Apache Tomcat 6.0, Web Logic 8.0, MS IIS 6.0, I Planet Sun One, Apache Web Server. |
| **Web Services** | RESTful, SOAP. |
| **Frameworks** | Junit, TestNG, BDD. |
| **Web-debugging tool** | XPATH, Firebug, Fire path |
| **Version Control Tools** | Git and Git Tortoise |
| **Continuous Integration Tools** | Jenkins, Team City. |
| **CI Build Tools** |  Maven, Gradle, Ant. |

**EXPERIENCE**

**The Kroger Co. (Cincinnati, OH) Jan 2019 – Till Date**

**Automation Engineer**

**Description:** The **Kroger** Co. engages in the operation of retail food and drug stores, multi-department stores, jewellery stores, and convenience stores. It also manufactures and processes some of the food for sale in its supermarkets. The combination food and drug Stores are the primary food store format.

**Roles and responsibilities:**

* Developed and executed test cases for **mobile** application.
* Used **Appium** for writing test cases and debugging the scripts.
* Identified and reported issues/defect and worked with development team to diagnose issues.
* Knowledge of relational databases and create **SQL queries** to view successful transactions of data.
* Experienced in Debugging Mobile application Issues by seeing the log cat (Android SDK) like app crash (Dynatrace, null pointer, Illegal argument exception, Error condition and exception handling), Slow performance by memory heap.
* Experienced in Building the Apk by Android studio using different Build variants like QA, Debug, Verbose etc.
* Experienced in automation mainly based on **Appium (Selenium 3.0)** and **TestNG** framework with **Java** programming language.
* Having enough knowledge on Junit, TestNG framework for Unit testing, Maven and Gradle for Project building tool, **TeamCity** for **Continuous Integration**.
* Implement test automation into **CI/CD**pipeline using **TeamCity.**
* Validated My Daily Count Operation (MDC) in Android Application for **Fuel**, **Deli**, **Meat** departments.
* Expertise with testing methodologies, test plans, and test case development, and defect.
* Experienced in **Mobile** Testing using tools like **Appium**, **UIAutomator**.
* Experience Working on **Agile SCRUM environments**.
* Worked on Android Phone **Emulator** and Real Devices like MC40, TC70 and TC75.
* Created new Test cases by analyzing the Business requirements.
* Expertise on Automating **REST API** using **Rest Assured Framework**.
* **Logged** **bugs** and tracked them to closure after discussing with developers.
* Attached the bugs to the respective test cases and provided necessary **Screenshots**, **Server logs** and QA logs to developers to debug the issues.
* Worked on **Android SDK** in loading the builds on the respective devices.
* Performed field testing with various network coverage to determine the stability of application.
* Designed and documented **REST/HTTP**, **SOAP APIs**, including **JSON** data formats and **API** versioning strategy.
* Involved in wallet application automation testing using Appium/Espresso and ADB shell commands tool for different OS versions.
* Writing simple to complex **SQL** queries for testing purpose.
* Validated **SOAP UI** and **RESTful** **API** services.

**Tools and technologies used:** Quality Center, Java Framework, and Version One, Jira, MS Office, Windows 7, HP Load Runner, HP, ALM, Selenium IDE, TestNG, Maven, Gradle, Junit, Android SDK, IntelliJ, UI Automator, Appium, GitLab, Stash, DB visualizer, Postman, TeamCity.

**Macy’s Technology (Duluth, GA) June 2017 – Dec 2018**

**QE Automation Engineer**

**Description:** Macy’s, Inc. is one of the nation’s premier retailers. With fiscal 2017 sales of $24.837 billion and approximately 130,000 employees, the company operates approximately 690 department stores under the nameplates Macy’s and Bloomingdale’s, and more than 170 specialty stores that include Bloomingdale’s The Outlet, Bluemercury, Macy’s Backstage and STORY. Macy’s, Inc. operates stores in 44 states, the District of Columbia, Guam and Puerto Rico, as well as macys.com, bloomingdales.com and bluemercury.com.

**Roles and responsibilities:**

* Worked on **Scan and Pay**, **Macy’s pay** features **in iOS and Android native apps**.
* SDET Experience in Functional Testing, Service Testing and APP Automation using **Appium (Selenium 3.0).**
* Responsible for creating automation framework using **POM- Page Object Model**, Testng and Maven.
* Configure **Test Rail** for QA test Case management which includes creation of Test Plan, Test Suite, Test Case and Test Case execution and reporting of test result.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid**.
* Logged defects encountered in the application through **JIRA** during test cycles and conducted fix verification.
* Executed **parallel** **browser** **testing** on various machines using **Selenium** **Grid** and **performed** **cross browser** testing**.**
* Used **Selenium** **WebDriver** to run test cases in **multiple browsers** and **cross Platforms**.
* Worked on distributed test automation execution on different environment as part of **Continuous** **Integration** **Process** using **Selenium Grid** and **Jenkins**.
* Involved in all stages of testing process Development of Test procedures and Test cases based upon requirements for regression test.
* Execute all high-level regression scenarios and Verify logs in **MSP** **Order**, Address and MSP Loyalty.
* Execute test cases for validating **API’s** and **APP** related scenarios
* Write **SQL Queries** to validate APIs interaction with database the data loading, reading data from database.
* Performed **UI**, Functional and Regression testing by automated using **Selenium**, **TestNG**, **Maven**, and **Jenkins**.
* Configured **Selenium** **WebDriver**, TestNG, Maven tool and created **Selenium** automation scripts in **Java** using Junit prior to agile release.
* Execute the test cases on **iOS -Macys Native app**, **iOS-BCOM Native app** and **Android-Macys Native app.**
* Use **Charles proxy** for any debugging or verifying the behavior at APP level
* Verify **Adobe analytics** and **localytics** tagging requirements for both iOS and Android Native App.
* Execute smart **POS** related scenarios on **SPOS** machine and sign off **E2E** flows.
* Use **XCode, Android Studio** to run test cases on simulators, emulators to cover different Devices vs OS Versions
* Use **Sauce labs** to run **automation in CI/CD** and also for any NEW device’s tests.

**Tools and technologies used:** Java, Spring MVC, Struts, Hibernate, JSP, Servlets, Web Services, Apache Tomcat, Oracle, JUnit, SQL, Ansible, Git, Selenium Grid, Appium, XCode, Android-SDK.

**Walmart David Glass Technology (Bentonville, AR)**  **Dec 2016 – May 2017**

**QE/Mobile Automation Engineer**

**Description**: Walmart is the world's largest company by revenue, according to the Fortune Global 500 list in 2016, as well as the largest private employer in the world with 2.3 million employees. Walmart was the most profitable retailer in the U.S., and by October 1989, it had become the largest in terms of revenue.

 **Roles and responsibilities:**

* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Experienced in hybrid-based iPhone applications using **Objective C** and **Swift**, **XCode**.
* Developed test code in Java language using **Intellij**, and **TestNG** framework
* Created Feature File Scenario Outline with **Cucumber** framework and wrote Acceptance test using **BDD**.
* writes the desired quantity to file in a suitable format for **Espresso** various types of plotting and various plotting programs.
* Experienced in **Gray Box Testing** (**Selenium** & **Appium**).
* Worked on Windows Phone Emulator and Real Devices like **MC40**, **TC70** and **TC75**.
* Test case automation using **Cucumber** test automation tool and **Gherkin** scripting language.
* Implemented Test Data Management and Data subsetting services for Oracle and Sql Server databases.
* Developed **Hybrid** driven framework by using **data driven** **and keyword driven framework**.
* Conducted Automation/Manual testing using the Standards, guidelines and structured methodology in testing the application using Java.
* Develop the batch jobs for loading the BETA side trades into Broadridge using Perl script, Unix shell script and Autosys.
* Expertise in testing **Mobile** devices, **Tablets**, **Mobile** **simulator**, **emulator**.
* Developing Appium Scripts for **Native** and **Hybrid** **Android**/**IOS** Apps using **Java**.
* Participated in developing common **Appium** **framework** for both **Android** and **IOS**
* Used different types of virtual devices **(Emulator &amp; Simulator)** and **real devices (MC40, TC70, TC75)** for Test Cases Validation.
* Performed **web services**, **Mobile Testing** and **Black box testing** methods -Functional, Integration, System and Acceptance.
* Used **Jenkins** as **continuous integration** server to run automated test suites.
* Used web-debugging tools like **XPath**, **Firebug** and **Fire** path to locate elements.
* Responsible for creating automation framework using POM- Page Object Model, and Data Driven to test web application.

**Tools and technologies used:** Java, Unified Functional Testing (UFT), Visual Studio, TFS, MTM, Unix/shell, TestNG, Maven, Linux, Jenkins, HTML, XML, KlocWork, Quality Centre, SQL, WSDL, Appium, XCode, Android-SDK, Oracle, UNIX, Appium, JSON, Selenium WebDriver, Cucumber, Maven, CppUnit, Jenkins.

**Advansoft International, Inc (Hyderabad, India) May 2011- Feb 2015**

**Software Engineer**

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**Roles and responsibilities:**

* As part of **Release team**, my role includes release management, Environment Management, deployments, Continuous integration, continuous deployment, Incident management, version management.
* Used **Jenkins**, **Code Deploy** for **CI/CD** pipelines.
* Providing a better workflow for **Continuous Integration** and **Continuous Delivery**.
* Configure and administer **Git source code** repositories.
* Well versed in managing source code repositories like **Git**, **GitHub**.
* Configured security and system in **Jenkins**. Added multiple **nodes** to Jenkins and configured SSH for continuous deployments.
* Worked on **Subversion/git** Tags to identify useful code snapshots.
* Source code admin - Manage and configure **SVN/GIT**, resolve issue regarding source code management, manage branching and merging, code freeze process.
* Manage and improve the **integrated build pipeline**, including all development, testing, acceptance, and staging environments.
* Involved in setting up Automation Framework Using **Selenium** **WebDriver, JAVA and TestNG.**
* Used to **TestNG.xml** to run Selenium tests and get **TestNG reports**.
* Experienced in designing **Page Object Model (POM) and TestNG** based automation framework using **Selenium WebDriver, Java, TestNG & apache POI**.
* Developed Automation framework implementing Page Object Model, using **JAVA**, **Selenium** **Web** **drive.**
* Integrated Automation scripts (**Selenium** **WebDriver** **API**) on Continuous Integration tool **Jenkins** for nightly batch run of the script
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Created functional automation scripts for the report generation module using tools **Selenium** WebDriver and TestNG.
* Setup the Automation Framework using **Selenium Web Driver**, Eclipse to run test cases in multiple browsers and Platforms.

**Tools and technologies used:** Java, Selenium WebDriver, TestNG, Jenkins, Maven, Soap, GIT, TDD, SVN, Agile, XML, HTML, Fire Path, Firebug, JMeter, Internet Explorer, Google Chrome, Safari, Mozilla Firefox, JIRA, Quality Center, SQL, Oracle, Windows, Apache POI.

**EDUCATION**

Bachelor’s in computer science, JNTUK, AP (2006-2010)

Master’s in Computer Science, CA (2015-2016)

Master’s in Information Systems Security, KY (2017-2019)

**PROFFESIONAL MEMBERSHIPS & CERTIFICATIONS**

**Certifications:**

* Scrum Fundamentals Certified.