**Darshit Thakkar** **dars10tha@gmail.com**

**Lead Automation Tester 402-885-9971**

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| **Experience Summary** |

**Automation Test Lead with 10** years of diverse experience in **Software Quality Assurance** with a thorough knowledge of **System,** **Functional, Regression, Performance** and **Automation** **testing** methodologies. Capacity to **identify problems**, **analyze** **test** **results**, and investigating their cause and suggesting remedies. Highly managing and leading effort in development and execution of test plans and automation test execution for new software rollout for government agencies projects. Extensive **technical knowledge** and developed strength in testing of **Web** based applications. Expertise in analyzing and designing automated as well as manual procedures for the verification, validation and implementation of accurate testing strategies for the successful deployment of **real-time solutions.** Experience in working on multiple federal testing tasks order and provide robust testing solution to the customers. Able to train, lead and motivate effective cross functional teams.

## Technical Skills & Tools:

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| **Technical Skills** | **Skills** |
| * QA/Automation leadership
* Quality Process Design and best practices
* Leading Automation and Manual teams
* QA Process improvement
* Managing defect triage meetings
* Product Release Planning
* Regression Testing schedule
* Automation Testing Solution/Implementation
* Manage Testing resources
* Team Performance review
* Building Testing DevOps environment
* Agile Testing environment
* Analysis failure builds/root cause
 | * Selenium WebDriver, UFT, Visual Studio, QTP, JMeter, Selenium Grid, Jenkins, LoadRunner, SoapUI, REST API, Test Manger, WebDriverJS, NodeJS
* Java, Python, C#, SQL, HTML, Jasmine, Java Script, CSS, XML JSON
* Automation Framework: Page Object Model, Page Factory, Hybrid, TestNg, Junit, Cucumber, Protractor
* Project Building Tools: Maven, Gradle
* Business Requirement/Defect tracking Tools: Jira, Rally, Bugzilla, HP ALM, Version One
* Cloud Platform: AWS
* Database: MS SQL, Oracle, Toad
* Source Control Tools: Bitbucket, Git, SVN
* Salesforce, MS CRM
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## WORK EXPERINCE:

**Vendor: a2 Consulting**

**Comcast**

**Lead Automation Tester July 2019 – Present**

**Description:** Comcast is one of leading BVE, Internet and Cable services provider in throughout the nation. Comcast’s BVE service which provides manage voice service includes remote voice calls, routing incoming calls, voicemail, call hold, call forwarding etc.

* Working on **Agile Methodologies** (**Scrum**) by following regular Sprint cycles with active involvement in all sprint meetings with testers, developers, scrum master and product owner.
* Responsible for going through the **User Stories and creating Test Cases** based on the **mock up’s** provided in User Stories
* Involved in documenting the **Test Plan, Test Cases, Traceability Matrix** and defect reports
* Creating test scripts using **C# and Selenium Web Driver** for the functional test cases.
* Designed and developed BDD/TDD/ATDD framework by using the **SpecFlow(Cucumber Specification) and added Scenarios in features files, Step Definitions**.
* Written various Features, **Scenarios, and Scenario Outline** with Examples, Scope Bindings, **Dynamic Tables and Hooks in Gherkin language** for developing BDD framework.
* Developed Automation scripts in **Microsoft Visual Studio**and used**NUnit framework**
* Created, implemented and maintained **Page Objects (POM)** for each Webpage
* Involved in Hybrid Test framework to achieve Regression Testing and developed packages for the **Driver scripts, Page Objects, Reusable Libraries, HTML Extent reports and Log files**
* Implemented and configured **NUnit**, Selenium web driver from **NuGet packages** as build for adding all the dependencies
* Used **JIRA** as Project management and Bug tracking tool.
* Working with DevOps teams to build solution for **CI/CD** test automation
* Developed web service automation testing using **Postman**

**Environment:** Nunit, React, AWS, Git, HTML, CSS, Selenium, Specflow, MYSQL, JIRA**,** GitBash**,** RestSharp, Postman, Jenkins, TFS, Teamcity, Swagger

**Vendor: Nuvitek**

**General Administration Service (GSA)**

**Lead Automation Tester July 2018 – April 2019**

**Description:** GSA provides workplaces by constructing, managing, and preserving government buildings and by leasing and managing commercial real estate. GSA’s acquisition solutions offer private sector professional services, equipment, supplies, and IT to government organizations and the military.

* Designed and implemented the overall automation framework using **Selenium**, **Cucumber**, and **TestNg**
* Implemented and create robust, modular automation scripts (**Page** **Object Modal and Page Factory**)
* Enhance the existing **test framework** as per the project needs
* Designed and developed automated **smoke tests** using **Selenium/Java 8** using **Eclipse IDE, Maven**
* Maintain test feature files using **Cucumber/Gherkin/BDD**
* Monitor **Functional tests** in the **Jenkins** and escalate/troubleshoot the issue to fix the failed functional tests in **CI/CD**
* Leading and managing testing team
* Configure **IAM** module using **AWS console and maintaining user access in different testing environments**
* Review and analysis opened defects in **JIRA**
* Responsible for conducting **defect triage meeting** with stakeholder
* Coached team members for test automation and troubleshooting
* Implemented performance plan performance testing scripts **using JMeter**
* Walkthrough the applications with the help of **Subject Matter Experts** to know third party components, custom build components, dependencies and technologies. Also identify some end-to-end test scenarios for automation tool evaluation
* Handle the tasks of identifying **UAT testers** and managing resource plan by coordinating with business stakeholders
* Coach and mentor the team to use the framework, quality standards, implement the change management system in the automation suites and prepare the user-friendly documentation for the scripts
* Generate automated test data creation using various tools to help Development team, Subject Matter Experts and Testing team for their application testing purpose.
* Involve in requirement analysis, designing test plan, identifying test conditions, designing test cases, reviewing test cases and executing test cases
* Defect Reporting, tracking and generating reports

**Environment:** Java 8, Angular, AWS, Bit Bucket, HTML, CSS, Java Script, Selenium, Cucumber, Oracle, JIRA**,** GitBash**,** JMeter

**Vendor: TWD**

**USCIS, Tysons Corner, VA**

**Lead Automation Tester Feb 2017 – April 2018**

**Description:** The National File Tracking System (NFTS) is the current system of record for tracking of millions of immigrant and receipt files. USCIS officers, border patrol agents, law enforcement officers, investigators and inspectors depend on NFTS for timely, accurate and complete file location information and delivery.

* Responsible for Designing and maintaining Selenium **Automation Framework**
* Participated in Analyzing the **Business Requirements** documents and prepared Test Plans for the various project releases
* Experience lead automation efforts for **BDD** (Behavior Driven Development)
* Responsible for defect triage meetings and analyzed existing opened defects with **Stakeholders**
* Implementation of **the automation framework** for the regression suites using **Selenium Web Driver and Cucumber**
* Developed prototype for **BDD** GUI automation framework using **Cucumber/Java/TestNG/Maven**
* Design and create robust, modular automation scripts (**Page** **Object Modal and Page Factory**)
* Manual as well as Automated Testing of the various scenarios to ensure that the developers have covered all the business requirements
* **Responsible for building and deploying Performance and Automation test suits in AWS**
* **Implemented automaton framework using Protractor, Webdriver JS, and NodeJS**
* Monitor **Functional tests** in the **Jenkins** and escalate/troubleshoot the issue to fix the failed functional tests in **CI/CD**
* Executing the Regression Suite team for Regression Testing
* Logging of the defects obtained while testing onto **JIRA** for defect management monitoring and tracking
* Responsible for creating and maintain the documents for all the releases

**Environment**: Java, Selenium Web Driver, Docker, Git, JIRA, Gradle, Angular JS, HTML, CSS, Oracle, REST Jhipster, LoadRunner, NodeJS, WebDriverJS, Protractor, AWS

**Vendor: Accenture Federal Services**

**USCIS, Washington DC**

**Associate Manager Software Developer in Test**  **Jan 2016 - Feb 2017**

Description: **U.S. Citizenship and Immigration Services** (**USCIS**)[[2]](https://en.wikipedia.org/wiki/United_States_Citizenship_and_Immigration_Services#cite_note-2) is a component of the [United States](https://en.wikipedia.org/wiki/United_States) [Department of Homeland Security](https://en.wikipedia.org/wiki/Department_of_Homeland_Security) (DHS). It performs many administrative functions formerly carried out by the former [United States Immigration and Naturalization Service](https://en.wikipedia.org/wiki/United_States_Immigration_and_Naturalization_Service) (INS), which was part of the [Department of Justice](https://en.wikipedia.org/wiki/United_States_Department_of_Justice). Purpose of Project is implementing ELIS which is support electronic document submission by immigrant.

* Leading testing activities including **the test automation strategy and framework** to be used across IT, and continue to enhance and modify based on industry best practices
* Developing **automation framework** start from scratch, create test cases test data and contribute to appropriate software
* Responsible for leading **defect triage** meeting with development team
* Engaging weekly testing team meeting and discussion on improve our Quality Assurance process
* Automated testing of core **REST API** services utilizing Framework as a major test tool
* Enhancing existing **Cucumber framework** by developing custom classes and methods on Java
* Supporting build deployment testing process by creating and managing procedures/workflows/build jobs in **Jenkins**
* Developed automated testing suite for testing web applications in legal domain using **Selenium WebDriver** and **Page Object** Pattern approach
* Performed automated and manual testing of **REST** and **JSON** endpoints using API along with Selenium
* Developed new and updated existing Automation test cases using **Selenium WebDriver** using **GitHub** as VCS for a Java based Web application, using **Gradle** as build tool and **Jenkins** to create and run deployment jobs
* Responsible for write automation feature files using **BDD** approach
* Participated in all phases if agile process including Iteration Planning, Stand-Ups, Team retrospectives
* Responsible for verifying and validating XML messages using **Soap UI**
* Supporting backend testing and verify data integrity using **Oracle** Database

**Environment:** Linux, Oracle, LoadRunner, White box, Selenium, Java, Junit, JSON, Soap UI, REST, HTML, GitHub, Gradle, Jenkins and Agile

**Vendor: Gunnison Consulting Group**

**USPTO, Alexandria, VA**

**Senior Automation Tester** **August 2015 – Jan 2016**

**Description:** USPTO registers trademarks based on the commerce clause of the Constitution. Under this system of protection, American industry has flourished. New products have been invented, new uses for old ones discovered, and employment opportunities created for millions of Americans. Project was based on remove legacy system and implementing web-based application where customer create profile and manage their account information on line.

* Conducted **Automation**/**manual testing** using the Standards, guidelines and structured methodology in testing the application.
* Developed Web Services automation for manual and Automation **SoapUI**
* **Java Automation** using **Selenium** **WebDriver, Eclipse** along with **TestNG and Maven**
* Responsible for maintaining code **in SVN and** run nightly test suites in **Jenkins**
* Prepared test cases for the system covering **SRS** document, design document, reviewing them with the developers and finalized the test cases
* Responsible for maintain daily schedule job on **Jenkins and debug failure build on Jenkins**
* Involved in developing **Test plan** and **Test scripts** using the business documents in **Rally**
* Validated web services manually and through automation using **SOAP UI**
* Responsible for maintaining defects using **JIRA**
* Experience in Data Driving and Keyword Driven testing
* Tested extensive backend testing using**SQL**Queries to retrieve the data from the database and checked data integrity
* Submitted testing reports for discovering software bugs reporting bugs and verifying bug fixes
* Involved in writing test summary reports, defect summary report, and final report

**Environment:** Oracle, Selenium WebDriver, Test Complete, Soap UI 5.2, Rally, Java, Maven, Java Script, Groovy Script, and XML

**Vendor: Data Concepts**

**Federal Reserve Bank, Richmond, VA November 2014 – August 2015**

**Senior Automation Tester**

**Description**: The Federal Reserve System comprises the board of Governors in Washington D.C and 12 Federal Reserve Districts located Nationwide. Project involved replace legacy system which was managing Cash transfer between Deposit Institution and Bank.

* Identified the test cases to be automated and performed **data driven testing** and GUI Check Points using **UFT** and enhanced the overall functionality of the application
* Involved in the project team, which focused on testing and dealing with process, tools and best practices. This team also leveraged testing knowledge, technology, methodology and resources across similar projects
used **VBScripts and Descriptive Programming** in **QTP** to access webpage script variables
* Involved in querying using **SQL** and updating records and validate database records as expected.
* Prepared **Traceability Matrix** to show the test coverage requirement vs. Test scripts
* Prepared test script using **Java** and annotation such as **TestNg and JUnit**
* Responsible for writing automation test scripts using **Selenium WebDriver and Eclipse**
* Responsible for maintaining code using **SVN** and performed build verification using **Maven**
* Performed Backend testing to verify the data integrity by passing **SQL Queries**
* Performed Smoke and Functional testing on every build of the application
* Defect Reporting, Analyzing, Tracking and Report Generation **HP ALM**
* Work in the **agile** development environment with frequently changing requirements and features set
* Attended the daily Bug review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects

**Environment:** MS SQL, WebLogic, Java, Oracle SQL Developer, XML, HTML, Selenium 2.0, QTP 11.0, HP QC 11.0, Eclipse, SVN, TestNG, Agile

**Vendor: Advantage Tech**

**YRC Freight, Overland Park, KS July 2014 – October 2014**

**Sr. SQA Tester**

**Description:** YRC Worldwide Inc., through its subsidiaries, provides various transportation services primarily in North America. Its YRC Freight segment offers various services for the transportation of industrial, commercial, and retail goods, such as apparel, appliances, automotive parts, chemicals, food, furniture, glass, machinery, metal, metal products, non-bulk petroleum products, rubber, textiles, wood, and other manufactured products or components. Project is involved in where the company was developing New Web based online application to replace the existing application. The company was also trying to get rid of Mainframe legacy system and implementing Microsoft Web-Based Database.

* Assisted Project Manager in scope estimation and work breakdown structure (WBS) to meet Project Milestone.
* Defined target load order plan and constraint-based loading for loading data correctly into different target tables.
* Designed and created Data Quality baseline flow diagram, which includes error handing and test plan flow data.
* Responsible for testing different **Salesforce** modules such as **Account, Leads, Opportunities, and Contacts**
* Responsible for creating automation test scripts using **Provar Automation Tool**
* Responsible for admin and maintain team projects in **TFS**
* Responsible for writing **SQL** queries in **MS SQL** to retrieve data and compare with Mainframe
* Created **Test Plans**, **Test Cases**, and **Test Scripts** for all testing events such as System Integration Testing **(SIT),** User Acceptance Testing **(UAT)** and Unit Integration Testing.
* Involved in automation test plan for existing applications
* Prepared automation test scripts using **Selenium IDE, WebDriver and Eclipse**
* Developed **Data Driven** and **Keyword Driven** automation framework for existing applications
* Worked with **Firebug** to inspect the application’s object and their properties and values

**Environment:** Windows 2007, IBM Mainframe, DB2, MS SQL 2012, JBoss, MS CRM, TFS, Visual Studio 2013, Selenium 2.0, MS SharePoint, Agile, Informatica, XML, JAVA, Salesforce

**Vendor: Sogeti**

**Woodmen of the World, Omaha, NE June 2013 – June 2014**

**Senior Quality Analyst**

**Description:** Woodmen of the World provide financial services to approximately 800,000 members in the US. These include life insurance and annuities, cancer insurance, and access to [mutual funds](http://en.wikipedia.org/wiki/Mutual_fund), [529 College Savings Plans](http://en.wikipedia.org/wiki/529_plan) and other financial services.Project was implementing AWD whichcaptures various incoming channels, executes the business and policy rules associated with document movement and keeps track of all users, content and changes in status.

**Responsibilities:**

* Defined the **test criteria**, **project schedules** and base lined the Test Plan with the help of project meetings and **walkthroughs**.
* Involved in decision making of converting manual test cases into automated test scripts and analyzing their life time and time required to update the scripts.
* Written smoke test cases in **HP ALM QC 11** and modified them when they are automated.
* Involved in **environment requirement** gathering meetings and giving inputs to the environment teams.
* Responsible for writing automation script using **Selenium IDE, WebDriver and Eclipse**
* Developing automation script using **Java, JUnit, CSS, and HTML**
* Participating building automation **frameworks** such as Data Driven Framework and Keyword driven framework
* **UAT testing** performed along with end users to make sure that application meets their requirements.
* Extensive use of **XML** to test the server components using **SOAP UI**

**Environment:** IBM Mainframe, DB2, SOAP UI, Rational Functional Tool, AGILE, JIRA, JAVA, Web Logic, Window XP, Selenium 2.0, HP ALM QC 11

**Vendor: Cri**

**First National Bank, Omaha, NE March 13 – May 13**

**QA Analyst**

**Description:** First National Bank was a local bank that served only Omaha and the surrounding communities in US. Project involved, the online service including making loan payments, managing personal and amortization schedules, obtaining documents, forms, payoff statements, and manages automatic account drafting.

**Responsibilities:**

* Performed Requirement Analysis by gathering both functional and non-functional requirements based on interactions with the process owners & stake holders and document analysis, represented them in **Requirements Traceability Matrix** (RTM).
* Worked with end users to design **business requirements** of a Business CRM System and manage B2B processes of distribution across the region.
* Reviewed Technical Specs together with the team of two developers
* Wrote **Test Plans** in MS Word for Manual Testing, System Testing, Integration Testing, Performance Testing, Regression Testing & reviewed their consistency with the business requirements
* Involved in development phase meetings for business analysis and requirements gather
* Performed White Box**, Black Box**, and Usability Testing
* Wrote **Test Cases** in MS Excel for user registration, access to training material, and activity log-in, reviewed the test cases and finalized
* Reviewed colleagues’ test cases for testing the development of online resume, uploading users’ documents [such as application and resume], browsing through jobs, selecting and applying for the jobs
* Involved in creation and execution of manual test cases in Mercury Quality Center and automated Test Cases in **QTP** and analyzed the Test Results.

**Environment:** Windows XP/2000, Oracle, PL/SQL, Rational Requisite Pro, Clear Case, Clear Quest, MS Visual Source Safe, HP Quality Center (ALM) 11.0, Quick Test Pro (QTP) 11

**Vendor: SCM Data**

**Starbuck Corp, Seattle, WA Aug 11 – Jan 13**

**Associate Automation/Manual Tester**

Starbucks Corporation purchases and roasts whole bean coffees. It operates 6,705 company-operated stores and 4,082 licensed stores in the United States; and 2,326 company-operated stores and 3,890 licensed stores in Canada, the U.K., China, Germany, Thailand, and internationally. Project was implementing [**IBM-TRIRIGA Projects**](http://www.brg.com/TRIRIGA/IWMS---Workplace-Enterprise-Management/IBM-TRIRIGA-Projects), that enterprise project management (EPM) software, delivers increased financial returns and accelerates project schedules through advanced project planning and project management features.

**Responsibilities**:

* Responsible for planning and execution, as well as deployment of effective test suites for product development process, software application development environments
* Utilizing my analytical and problem-solving skills to help validate, verify, communicate, and resolve systems/software application as well as issues uncovered during **informal and formal testing processes.**
* Identified areas of **potential impact** as well as associated risks in order to maximize the quality of final products and initiatives
* Utilized corporation developed **Agile SDLC methodology**
* Responsible for planning process evaluation, design, development and maintenance of **test scripts, and test cases** using a framework for new applications and enhancements, existing applications throughout **SDLC**
* Participate in walkthroughs and inspections for project-based documentation such as Functional Requirements that are based on integrated business and use cases as well as user guides
* Developed **Traceability matrix**, mapping Test cases to the Requirements.

**Environment:** Load Runner 11.0, QTP 11, VB .Net, ASP.Net 2., Quality Center 11.0, VBScript, MS Excel, TOAD, Web Logic, XML, Windows XP

**Vendor: SCM Data**

**First Solar Inc, Tempe, AZ Sept 2010 – July 11**

**QA Analyst**

First Solar Inc. designs and manufactures solar modules using a proprietary thin film semiconductor technology that is one of the lowest costs in the world. Project was implementing **Microsoft CRM 4.0**, can help reduce costs and increase profitability by organizing and automating business processes that develop customer satisfaction and loyalty

**Responsibilities:**

* Prepared Test Plans for each release, written **Test Cases and executed** them as part of conducted various testing strategies such as **functional, Regression testing**.
* Coordinate with developers for Product improvement with timely suggestions.
* **Responsible for weekly status updates showing the progress of manual testing.**
* **Preparation of Test Summary Reports for every Test Cycle.**
* Tracking the defects by using bug-tracking tool **JIRA**
* Executed **Test Cases Manually**, once the application is stable and documented the successful or unsuccessful completion of each test case in **HP Quality Center (QC)** for End-to-End Scenario based testing.
* Understanding **SDLC** and the functionality of different types of applications from the Use Cases. Manual Testing across all Projects.
* Worked with the **Business, Operations**, and Engineering stakeholders to define the **functional integration** and end-2-end test cases for the **CRM project**.
* Used Test Director and **Mercury Quality Center** for updating the status of all the **Test Cases & Test Scripts** that are **executed** during testing process.
* Executed **Test Procedure / Test Cases** and report defects to management and development team for manual and automated testing.
* Manually executed the Test Cases for Functionality to achieve initial stability of the application. Automation by using **QTP** for Regression Testing.

**Environment**: Web Logic, Java, Quick Test Pro 10, Mercury Quality Center 10,Salesforce, Load Runner 10, Sun Java, MSJVM, Oracle 8i/9i/10g, MS-Project 2000/2003.

**Vendor: SCM Data**

**Prudential financial, Newark, NJ Apr 2009 – August 2010**

**QA Analyst**

Prudential Financial companies serve individual and institutional customers worldwide and include the prudential insurance company of America. The online service including obtaining mortgage loan information quotes, making loan payments, managing personal and amortization schedules, obtaining documents, forms, payoff statements, and manage automatic account drafting.

***Responsibilities***

* Defined the **test criteria**, **project schedules** and base lined the Test Plan with the help of project meetings and **walkthroughs**.
* Involved in decision making of converting manual test cases into automated test scripts and analyzing their life time and time required to update the scripts.
* Written smoke test cases in **Quality Center** and modified them when they are automated.
* Involved in **environment requirement** gathering meetings and giving inputs to the environment teams.
* Developed QA Test Plan from technical specifications and requirements for this project which deals mainly with three areas i.e. presentation tool, integrated genesis selling tool and catalog API
* Executed **Test Cases Manually**, once the application is stable and documented the successful or unsuccessful completion of each test case in **HP Quality Center (QC)** for End-to-End Scenario based testing.
* Manually tested the whole application before going for the automated testing.

**Environment**: VB .Net, ASP.Net 2.0, VB Script, IBM Mainframe, Java, Weblogicv9.x, Java Script, C+, Agile, Oracle, TOAD, SOAP, HTML, XML, Quality Center 8.x, QTP 8.X, Load Runner 8.1, Windows XP

**Education:**

Bachelor of Science in Business Administration

**Certification:**

Certified Scrum Master (CSM)