**M O I Z K H A N**

**SDET Lead Automation Engineer**

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**Professional Summary**

* Highly skilled Agile QA Engineer with SDET Lead having 10+years of experience.
* Extensive Experience in software development process, project management and testing life methodologies like Waterfall and Agile Models.
* Extensive experience in creating/working with automation framework for Web, Mobile and API automation.
* Have led and developed, SFDC Testing, performance testing JMeter scripts and Java programs run on AWS and Docker to execute Scale Testing.
* Experience in automation testing using Java, Selenium, REST Assured, HTTP Client, Appium, Cucumber, TestNG, SoapUI, Maven and Jenkins.
* Worked on UAT check list for iOS apps.
* Over 7 years of Software Development Test Automation experience using Selenium and Java programing language both in Agile and Waterfall environments.
* Experience with Test Automation tools such as Cypress, Selenium, TestNG, JMeter, Junit.
* Good exposure to TDD and BDD environments - worked with Cucumber, scenarios and step definitions.
* Created an API automation framework using Jest promise & web UI automation framework using Protractor.
* Experience PYTHON scripting language with ROBOT framework
* Experience in development and/or administration of IBM FileNet P8, Case Manager 5.1/5.2, Content Navigator, Process Designer; administration of WebSphere Application Server version 7
* Over 4 years of experience on PRPC Pega Roles Process commander as design Testing and PRPC workflow experience.
* Work within an Automation toolset (Frontend - GUI Framework using Selenium Node JS - JavaScript, Jest & Jasmine)
* Experience with testing POS System such as square stand for iPad.
* Developed framework from the scratch for using Cypress to automate UI and used Java script, NodeJS and NPM for Angular 16 based user interface.
* Unique experiences in working on Mobile Media delivery OTT (Over the top Services) e.g. live streaming Video Technology for Mobile devices.
* Developed 10+ bash scripts and GitLab CI/CD pipeline templates to streamline processes of teams deploying Kubernetes and AWS resources from days to minutes.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Extensive Experience in creating and automating REST API using REST Assured and HTTP Client
* Worked with web services testing using groovy, data source loops and properties in SoapUI.
* Worked on Jenkins with Git integrations and Maven integration - Jenkins jobs configurations.
* Familiarity with cloud-based platforms -AWS and Google Cloud Compute Engine.
* Good experience with Java libraries like Apache POI for data driven testing, REST Assured, HTTP Client, JSON Path, org. json for rest API automation and log4J for logging and debugging applications.
* Extensive Experience in Web Service testing (SOAP) using JMeter [load, Functional].
* Experience of Mobile App Testing using automated tools like Appium for testing Android and iOS platforms collaborating with Android SDK.
* Experienced Robotic Process Automation (RPA) Consultant with the capability to build robust, viable, and very highly efficient Robots by using UI Path.
* Experience with application lifecycle management tools like Rally and JIRA.
* Experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC, auto scaling, kinesis etc.) and deployment services (Ops Works and Cloud Formation, ECS) and security practices (IAM, Cloud watch and Cloud trail) and services Lambda, EMR, RedShift, Elastic Bean Stalk, X-ray.
* Implementing infrastructure on new AWS systems and migration of existing Linux and Windows based infrastructure to AWS and Azure Cloud plat forms and automated using Terraform, Cloud Formation Templates.
* Experience in writing queries using different databases such as Structured Query Language (SQL), MySQL, DB2 Etc.
* Supporting and working with Kofax developers working to integrate other systems for enhance Kofax out-of-the-box capabilities via custom development and testing. Conducting meetings on Outlook Teams and scheduling tasks within calendar to manage tasks to completion on or before deadline.
* Experience in Installing, configuring, troubleshooting, systems administration and maintenance of Linux (Red Hat, SuSE), and UNIX Systems.
* Worked on various components of analytic dashboard for operational optimization using Angular 10.
* Performed Data Driven Testing with Cucumber-Selenium.
* Good exposure to Oracle RDBMS, SQL and Writing SQL scripts for Backend/Database testing.
* Experience working with shell scripting and Unix/Linux commands.
* Good Experience in using Configuration management tools like Sub Version, Team Foundation Server (TFS), GitHub, and Build management tools like MAVEN.
* Worked very closely with the Devops team in Agile methodology for deploying and building the Automation Scripts in Continuous integration.
* Good knowledge in developing Cypress with Test Driven Development (TDD) with end to end testing and Selenium test scripts using Behavioral Driven Development testing.
* Implemented a CI/CD pipeline using Azure DevOps (VSTS, TFS) in both cloud and on-premises with GIT, MS Build, Docker, Maven along with Jenkins plugins.
* Sound knowledge of Automation Framework Concept of Data-Driven framework in TOSCA.
* Major focus on Configuration, SCM, Build/Release Management, Infrastructure as a code (IAC) and as Azure DevOps operations Production and cross platform environments.
* Worked extensively on Agile Projects and hands on experience in creating task for sprint in Rally and attended Sprint Planning, Scrums, Sprint Review meetings.
* Experience in working with Test Management/Bug Tracking tools like HP ALM/Quality Center/Rally/JIRA, to track test execution progress and prioritize bug fixes.
* Good knowledge on designing and executing Automated Tests for Data Driven Testing.
* Experience in developing manual and automated Test scripts and test cases based on the client provided BRD, FRS and SRS.
* Excellent knowledge on Business Process Management and CMMI Levels Understanding.
* Experienced with React.js library, using JSX, Router, and Redux.

**Skills:**

Agile (Scrum), V-Model and Waterfall

**Software Testing:** Functional, Database, Web based UI Testing, Web Services, Test Plans, Cases & Processes, Functional, Requirements, Regression

Positive & Negative Testing, UI, Automation Testing.

**Functional Testing:** Cypress System Integration Testing (SIT) & User Acceptance Testing (UAT) Nonfunctional testing Performance Testing, SFDC Testing, Load Testing, Stress Testing, Security Testing, Compatibility Testing.

**Testing tools:** Selenium (Selenium Web Driver), N Unit, JMeter, NuGet, Jenkins, Spec Flow, Data Driven, Framework, POSTMAN, JIRA, Bugzilla.

**Languages:** C#, Java Script, HTML, CSS

**Databases:** MS SQL Server, SSMS

Testing Frameworks: BDD, TDD, Page Object Model and Hybrid, Spec Flow

**Web services:** SOAP and REST

Browsers: Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera

**Operating Systems:** WINDOWS10, Linux, Mac OS

MS Office Tools: Outlook, MS Word, MS Excel, CI/CD, SDLC, XML

**Work Experience:**

**Sr. Automation SDET Lead**

**Honeywell, Charlotte NC**

**October 2021 - Present**

**Responsibilities:**

* Experience building automation framework from scratch using Selenium web driver, JAVA, Junit and Eclipse.
* Highly skilled in test automation using Robot framework.
* Prepared Test Data for the Test Cases and Test Scripts for POS Systems like Square Stand.
* Worked on Agile/Scrum Methodology involved in giving points to User Stories, Back log grooming, User story demos, attended retrospective meetings and worked on Iterations (Sprints) part of releases.
* Good experience on Test Automation using Selenium Web Driver, TestNG Framework and Maven.
* Wrote test plan and test case for Registry and List and Executed them using test trail.
* Experience in Functional Testing, Data Driven Testing, Load Testing and Validating WSDL using SOAPUI.
* Automated robot framework shell scripts to evaluate the feasibility of using PTP/SyncE to provide clock synchronization in the network. Document test scripts, frameworks, and processes for knowledge sharing.
* Monitoring the Distribution grid via OMS, SCADA, AMI
* Perform IBM FileNet performance tuning and work with IBM customer support to troubleshoot production issues.
* Performed Live Streaming and VOD testing on mobile devices and OTT devices.
* Maintained extensive documentation about the bots in Confluence, that included the design decisions, test cases and robotic process sequence diagrams. Collaborate with developers, product managers, and other stakeholders to ensure comprehensive test coverage.
* Performed API Testing using Cypress Automation and Postman. Communicate test results and progress to the team during stand-ups and meetings.
* Maintain Kofax users, groups, permissions, security and system configuration
* Support the Watermark organization and Scrum Teams in reaching higher levels of Scrum and SAFe Frameworks application maturity.
* Good Knowledge of TOSCA Test Suite - Module, Test cases, Test Cases Design, Requirement, and execution.
* Created Modules in TOSCA for different applications using XSCAN/TOSCA Wizard. Feasibility check of applications for test automation using TOSCA.
* Create, test and maintain trail specific plausibility and consistency checks using SQL.
* Using our OMS and IVR to monitor and dispatch power outages, make planned power outages, and collection phone calls.
* Involved in Over The Top Testing(OTT), IPTV testing - quality service, video, voice, data content, performance, connectivity, security.
* Implemented Cypress automation framework to my team to ascertain that the crucial user-facing functions of the application and implemented Smoke and Regression Test to verify the existing functionality.
* Used SQL to Validate posted data in MySQL Database.
* Coordinating with team members on various aspects in carrying out monthly releases of the application through ANT deployment and Change Sets.
* Performed API testing on micro services using Postman and JSON payloads on variety of RESTful Web APIs involving complex integrations and worked with WireMock for mocking API responses and testing different scenarios.
* Coded in Cypress Selenium, and ran UI tests in Testim.IO with API integration. Work with QA and development teams to understand project requirements and define test strategies.
* Tested and diagnosed issues specific to HLS streaming video over IP (OTT) to mobile devices i.e. Apple (iPad & iPhone), Google Android devices and PC & MAC (Apple) in a lab environment.
* Constructed Construction in new Pipeline Using Gitlab Ci/CD and Docker deploying VM and testing utilities.
* Using the Robotic Operating System (ROS) and Python programming language to control a collection of simultaneously working robots.
* Worked across the entire SR application framework, message delivery services, queuing systems, web tier, SQL and NOSQL data stores, enhancing users experience etc.
* Effectively used Tricentis Tosca Test suite to ensure proper business compliance after working closely with the stakeholders.
* Support the team in in creating and executing test scripts using Load runner and performance Center.
* Executed performance test and stress tests using Load Runner and analysed the results and worked on Analysis Reports.
* Hands on experience on writing scripts bsh, c & korn shell and unix shell scripting) for making job automation using crontab.
* Executed the created test cases to cover End to End scenarios for POS System such as Cashiers activity, Payment Gateway processing, Sales, Return & Exchange Scenarios, Managing Promotions & Discounts, Tracking Customer’s data, Security & Regularity Compliance, Report testing. Contribute to the creation of test plans, test cases, and test data.
* Administer and configure objects in IBM FileNet P8 platform.
* Hands on Expertise on Scala development including Spark RDD and Data frame programming
* Configured Spark streaming to receive real-time data from the Kafka and stored the stream data to HDFS using Scala and Python.
* Good Experience in developing Single Page Applications using Angular 16.
* Established new service offering for OpenShift v4.0, including scoping architecture, design, security, installation, and general operational instructions around this new technology.
* Execute Test cases and report bugs for web and Mobile versions by using Perfecto (Mobile Testing)
* Responsible for Database Analysis, Database Testing, Testing ETL procedures, and creating numerous reports using custom SQL or stored procedures.
* Excellent knowledge of all Java OOP concepts and practical experience of implementing them in Test Automation Frameworks.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Extensively worked on Scala programing language for Data Engineering using Spark
* Created a mobile-friendly, responsive website for a start-up flower shop using bootstrap, HTML, and CSS.
* Use Machine Learning, Arduino C, C++, C#, PowerShell, Python, SOQL and Robot framework to develop system-level framework and firmware.
* Excellent organizational, planning, and problem-solving skills on a large scale UNIX& storage environment.
* Experience in building with Custom Directives, Pipes, Modules of Angular 16.
* Use of Auto layout, Size classes & Trait classes for developing apps that work across multiple resolutions of iOS devices.
* Utilized role in mobile testing using Appium Mobile for testing client's m platforms
* Implemented open-source tool Appium, Selenium Web Driver for cross browser and cross platform web/Mobile testing.
* Create Scenarios and Support the team in executing test scripts using Load runner and performance Center and SFDC.
* Participate in Scrum of Scrums and assist the teams with SAFe practices
* Created and executed SOAP UI Scripts for the Web Services testing
* Used Agile methodology to ensure the new features meet the customer requirements and acceptable quality assurance standards.
* Designing software systems to control their robotic systems, such as those robots used for HP notebook testing.
* Created HTML Email and used Mail Chimp for email campaigns.
* Created API automation test scripts using Postman API and JavaScript command collection runner.
* Experience with Test Automation tools such as Selenium, TestNG, Jmeter, Junit.
* Working with Bamboo and bitbucket this allows us to test code when changes have occurred in the system.
* Performed Functionality testing, Compatibility testing, Payment Gateway testing, Report testing on POS Systems.
* Unix/Linux systems administrator with experience configuring, monitoring, upgrading and maintaining systems hardware, software and related infrastructure.
* Used Change Sets and ant deployment to deploy components from sandboxes to Production environments.
* Performed Data-driven testing by using JDBC as a data source in SOAP UI and configured MySQL queries to fetch data from the MySQL & DB2 databases.
* Written UDF in Scala and used in sampling of large data sets.
* Experience with android machine learning including SOQL, Firebase ML, ML Kit, Tensor Flow.
* Implemented test workflow using XRAY, Jenkins, Bitbucket and Perfecto.
* Tested Salesforce1 Mobile App, Salesforce custom objects, custom fields, page layouts, custom Tabs, Reports and various other components as per application requirements.
* Leveraged Java and Spring to develop a business layer.
* Created and debugged complex ETL processes using T-SQL queries, functions, stored procedures and SQL Server Agent jobs.
* Used BMC remedy tickets and verify entered information in Pega Frontend.
* Participated in test planning, writing test cases/scripts within Pega PRPC and correct the according to the erroneous outcome.
* Worked with complex SQL queries to validate data and API flow for testing.
* Experience in creating Cucumber BDD (behavior-driven development) framework and automating BDD scenarios in Eclipse using Java script.
* Written Gherkins and Java scripting automation test scripts to execute in cucumber.
* Implemented Page Object Model Automation framework with Java, Selenium Web Driver and cucumber.
* Experience providing UNIX support to maintain systems in production data centers.
* Designed and developed multiple native android applications using Kotlin with extensive user interface development using ANKO, then upgrade to Jetpack Compose.
* Responsible for working with OpenShift users at Lilly from all around the globe, forcing flexibility and understanding of different working cultures, time zones, etc.
* Experience working with version control systems such as GIT and used SCM tools such as GitHub and GitLab.
* Work with NPM / Angular16 CLI to set up the environment and install tools for Angular 16 Application.
* Web Service testing (RESTful API) and Automation using Apache JMeter using JSON, XML payloads.
* Developed automation scripts for all the new UI changes using Swift with KIF framework and Xcode as an IDE and exposure with Appium.
* Install and configure System Administration packages to QA environment such as SOQL, Python, and SQL.
* Used Python for dynamically generating property list for every application.

**Environment:** Selenium Web Driver, HP Quality Center 9.X, TestNG Junit, Cucumber, Appium, Postman, AWS, Java, PyCharm, C#, SOAPUI, JavaScript, Docker, WireMock, Jenkins.

**Sr. QA/SDET**

**American Express, New York NY**

**Oct 2019– Sept 2021**

**Responsibilities:**

* Prepared automation test scripts to validate various functionalities using Selenium WebDriver using Java.
* Experienced in designing customized Hybrid framework, Keyword Driven, Data Driven & POM in order to make maintenance process easier and achieve efficiency, re-usability and accuracy across applications.
* Initiated and executed project plans to generate Robotic Processing Automation opportunities to reduce manpower of repetitive manual processing tasks. Create end-to-end (E2E) and integration test scripts for web applications.
* Knowledge of POS Systems and the interaction between Credit cards and Payment processing.
* Design, configure, code, and test enhancements and modifications to new and existing IBM FileNet and BPM applications like (WebSphere, FileNet P8, Recorded Manager, IBM Content Navigator) in Linux and Microsoft Windows environments
* Hands on experience on working Cypress for angular 15 application end to end testing.
* Responsible for configuring OnBase and Kofax environments. Responsible for high level design and implementation around document capture and service stability.
* Build a trusting and safe environment where problems can be raised without fear of blame or being judged with a complete focus on problem resolution. Write efficient and maintainable automated test scripts using JavaScript and testing frameworks (e.g., WebDriverIO, Protractor, Jest).
* Knowledge as a database programming in Oracle, Redis DB (NoSQL), PostgreSQL.
* Involved in Testing of REST API Web Services using REST plug-in and Postman tool.
* Expertise in designing, developing, deploying and supporting of Service Virtualization using CA LISA DevTest
* Experienced monitoring UNIX environment by using basic commands Top, nmon to check disks, cpu and memory.
* Developed Spark jobs by using Scala as per the requirement.
* Hands-on experience of developing, implementing and maintaining Test Automation Frameworks with Page Object Model Design Pattern using Selenium WebDriver, Maven build automation tool and JUnit framework
* Wrote documentation describing program development, logic, coding, and corrections using Angular 15.
* Created web UI tests using Cucumber, Gherkin and Cypress Automation.
* Configuration of the IBM FileNet ECM platform according to business requirement's document prepared by the business analysts.
* Involved in Preparation of Test Procedures, Test Scenarios, Test Cases and Test Data. Tested the company's Salesforce CRM application. Implement unit tests using JavaScript testing libraries (e.g., Jasmine, Mocha) to ensure the functionality of individual components.
* Creating and testing Salesforce CRM Workflows, Approval Processes, Validation Rules and Sharing & Security rules.
* Responsible as a System Administrator on UNIX (AIX, Linux, HP-UX, Solaris) with SAN/NAS Storage
* Used and wrote Ansible and Ansible Playbooks for configuration management of all OpenShift clusters.
* Implemented open source tool Appium, Selenium Web Driver for cross browser and cross platform web/Mobile testing.
* Apply Pytest and Robot Framework Python modules to develop two new software features that were reviewed, merged, and deployed into production via Git and Concourse CI
* Developed RESTful API tests based on Swagger documentation, automated API collections using JavaScript snippets, and ran them through Postman Runner.
* Worked with Spark Ecosystem using Scala and Sparks Queries on different data formats like Text file and parquet.
* Involved in end-to-end life cycle of Robotic Process Automation Implementation from process assessment till production support. Experience in building RPA COE and governance activities for new projects
* Experience with Device testing and software testing for Square stand POS system.
* Expertise in Java builds tools like Maven, Ant for the building of deployable artifacts such as (jar, war & ear) from source code.
* Used C# programming language as business logic in Visual Studios 2012 as IDE.
* Experience in parallel testing using Cypress.
* Used Load Runner and Performance Center/LRE for scripting and Load testing
* Experience with working in short sprints in an Agile Scrum software development model.
* Wrote object-oriented JavaScript for transparent presentation of both client- and server-side validation.
* Creating test scripts using C# and Selenium Web Driver for the functional test cases.
* Work with other team members to integrate FileNet with a custom front-end.
* Used Bash scripting on a regular basis for general automation purposes in interactions with OpenShift clusters.
* Responsible for predicting / upgrading Angular app to the latest version without any code breakages.
* Writing unit tests, Android implementation tests, automated unit testing, UI automation and test-driven development
* Experience in designing Mobile automation framework and enhancements using Quantum framework on Perfecto for mobile native applications
* Creating and updating tables, views, working with triggers, stored procedures.
* Maintained the Selenium & Java Automation Code and resources in source controls like Jenkins for improvements and new features.
* Document software defects, and bug tracking using HP ALM QC, and report defects to software developers.
* Worked as an API Automation Tester and Quality Analyst for last 8+ years, analysing designing and implementing testing strategy for application build on Java using Automation Testing.
* Solid understanding of Test Automation integration with CICD process for cloud testing execution using AWS EC2 service
* Preparing Perfecto Mobile automation scripts for parallel and sequence execution on multiple devices and different OS (IOS and Android).
* Used emulators like Xcode and Android studio to emulate mobile automation.
* Created web UI tests using Cucumber, Gherkin, Selenium WebDriver (tests written in ruby)
* Work with Teams to create Acceptance Test Driven development (ATDD) test suite using Ruby and Cucumber.
* Performed End To End testing using BDD framework with Cypress.
* Used GitLab to manage version control for automation framework & application development.
* Used Perfecto to execute test script using Appium.
* Coordinated efforts between product development teams and offshore enterprise test team. Standardized QA standards and practices across teams where possible. Involve in BDD framework using cucumber
* Extensively used automated test tools like Selenium for both UI and API automation.
* Designed and developed API Automation Framework using SOAP API.
* Developed test plan, test cases, execution of test cases, reporting, tracking.

**Environment:** Agile, HP ALM, Selenium Web Driver, Java, Groovy, WireMock, Jenkins, REST API, SOAP API, Postman, Appium, XCode, Cucumber, Gherkin, Ruby.

**Sr. Automation Engineer**

**GSK, Philadelphia PA**

**Aug 2018 – Sept 2019**

**Responsibilities:**

* End-to-End API testing using cucumber and postman DB and ETL testing for specific use cases Worked closely with the developers within the SCRUM team.
* Production testing after each deployment Manual testing on Mobile UI(Chrome/IE).
* Wrote JMeter scripts for latest software applications for different Apple products in QA environment
* To run and compare results with internal tool and JMeter and to do standardize performance testing with other projects technologies
* Development & Migration Kofax Capture 10 product suites to higher versions. Kofax capture 11, Kofax Front Office, Kofax Import Connector and Kofax Analytics
* Configured Spark Streaming to receive real time data from the Apache Kafka and store the stream data to DynamoDB using Scala.
* Primary developer for mobile automation, both Android and iOS using Robot Framework and Appium server
* Data migrations from Shared Drive, eRoom, quickplace, Xythos, Opentext Livelink using FileNet API, JAVA, .Net and IBM Content collector 3.0/4.0
* Experienced monitoring the UNIX servers.
* Implement SAFe agile principles which result in the reduction of cycle time by 10%, thus increasing the team’s throughput
* Designed company website including graphical user interface design and backend programming using SQL and NoSQL databases.
* Implementing Test Automation in CI/CD using Jenkins-GitHub-Maven
* Performance testing in AWS and Docker using JMeter Have to do Validations of API using Curl and Postman Have to create a script to check all test cases are Automated.
* Understand the latest features like (Azure DevOps, OMS, NSG Rules, etc..,) introduced by Microsoft Azure and utilized it for existing business applications
* Created API automation test scripts using Postman API and Java Script / Newman command-line collection runner.
* Experience with Automating Windows, Web, Mainframe, SAP, Salesforce applications using RPA (Robotic Process Automation) UIPath tool, Orchestrator and Web Applications using HTML Agility packs
* Good experience with Web Services, SOAP and REST API Testing using UFT API, Restful API, Apache JMeter, Swagger, Postman and SoapUI.
* I developed the initial implementation of the test automation framework for the Conversation Learner (BOT) UI with Cypress.io, Typescript and React.
* Worked on the Ant build and Maven scripts for creating the EAR, WAR and JAR artifacts.
* Developed a dynamic breadcrumb based on Angular 14 Router Events
* Comprehensive understanding of Android application architecture, threads, UI components, data sources, dependency injection, design patterns.
* Responsible for configuring and maintaining logging and metering components on all OpenShift clusters using Elastic Search, Fluentd, and Kibana.
* Perfecto mobile automation and Perfecto Overview certified offering expertise in mobile for native and web applications
* Experience in developing and scheduling various Spark Streaming / batch Jobs using python (spark) and Scala.
* Creating, maintaining and executing automated tests in Robot Framework and Katalon Studio
* Understanding of document imaging components and how they work with each other in capture space particularly using Kofax, OnBase, Image Trust, and Healthcare Cerner products.
* Developed internal application using Angular 14 and Node connecting to Oracle on the backend.
* Expertise in unit testing frameworks like Jest and Enzyme.
* Involved in the usage of BDD framework to Develop Cucumber Step Definitions, Scenarios and Features using acceptance criteria.
* Involved in debugging application using Pega Tracer tool, performance testing using PAL tool.
* Experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC, auto scaling etc.) and deployment services (Ops Works and Cloud Formation) and security practices (IAM, Cloud watch and Cloud trail).
* Managing security groups on AWS and custom monitoring using cloud watch.
* Hands on experience on working Cypress for angular application end to end testing.
* Designed and developed REST API test automation using karate framework.
* Interacting with the client for understanding the Client's requirements and getting clarifications.
* Involved in coding of SSIS package creation to transfer bulk data from composite view DB to oracle DB, Sql server2008 DB to oracle DB, Portal Asp.Net application using VS.Net 200
* Automation with Cypress, nightwatch.js, Selenium, Coded UI, Unit Test, and motif.
* Worked on stored procedure, views, data base creation for AMR using Sql Server 2008
* Worked on PERL, Autosys, SSRS 2008 for Algo.
* PromoteKanban and SAFe to maximize lean culture within Scrum teams and across the organization, both internally and offshore
* Worked on C console using VS. Net2008 application to execute the SSIS and capture the all the execution progress information to email if any error occurs in the execution
* Worked on the portal .Net 2008 web application Asp.net, c, Web services, SQLServer for issue analysis, fixing and deployment.
* Achieved high-throughput, scalable, fault-tolerant stream processing of live data streams using Apache Spark Streaming
* A good understanding of schema changes, stored procedures, and database reporting.
* Worked on unit testing UI using Jest and Enzyme
* Used Cucumber automated testing to test new and existing functionality. Developed BDD tests using Cucumber by writing behaviors and step definitions.
* Unit testing UI using Jest.
* Developed C console application to render SSRS reports in PDF format and email to users.
* Involved in unit testing, code review, Deployment Coordination
* Used C# as a programming language and Visual Studios as IDE for automating the Test Suite with Selenium WebDriver.
* Used Angular 2 framework where data from backend is stored in model using http and security configurations for authentication and authorization for populated model on to UI.
* Monitoring API s’ and Database Clusters (Cassandra and Aerospike Database stacks) using New Relic, ELK (Elastic Search, Log Stash, Kibana) and Optimized performance by seeing logs using AWS Cloud Trail, and Metrics from Cloud Watch and X-Ray.
* Wrote python scripts using Boto3 to automatically spin up the instances in AWS EC2 and OPS Works stacks and integrated with Auto scaling to automatically spin up the servers with configured AMIs’.
* Designed and developed Hybrid Framework using. Net, C# and NUnit.
* Involved in Jenkins CI/CD integration and configuration of selenium / Nunit and Postman /Newman for scheduled jobs.
* Developed automation framework using Selenium, Cucumber, Maven and TestNG with Java; Parasoft SOA, Restful API and Postman in QA Automation tools Discovery.
* Acted as build and release engineer, deployed the services by VSTS (Azure DevOps) pipeline. Created and Maintained pipelines to manage the IAC for all the applications
* Created Azure Automation Assets, Graphical runbook, PowerShell runbook that will automate specific tasks, deployed Azure AD Connect, configuring Active Directory Federation Service (AD FS) authentication flow, ADFS installation using Azure AD Connect, and involved in administrative tasks that include Build, Design, Deploy of Azure environment.
* Release qualification testing was performed in a strict war-room scenario since it involved a live data.
* Worked on a feature (API) testing aspect which was done using REST API and an apple internal test framework.
* Automated the API services using Cucumber framework for Unit Testing, Integration Testing and Regression Testing.
* Performance Management & Tuning of AIX UNIX Kernel
* Excellent organizational, planning, and problem-solving skills on a large scale Unix& storage environment
* Frequently worked with development teams to move applications from classic, virtual machine hosted environments, to a containerized environment on OpenShift.
* Worked on Applications which helps in installing software's in different devices.
* Worked in performance team and did testing using apple internal tools and JMeter.
* Worked on writing unit test using Xunit, Moq, BDD C#, .NET Core 2.0, TPL, GIT, VSTS, VS 2017, AutoFac (DI), JSON, JSON.NET, Redis, Swagger, Postman, Fiddler, Slack Windows Services, Amazon AWS (API Gateway, IAM), Web Services, WireMock, Async/Await, Threading, XUnit, Focus on PSRS (Performance/Security/Reliability/Scalability).

**Automation Engineer**

**Cotiviti Houston TX**

**Oct 2017-July 2018**

**Responsibilities:**

* Involved in Analysis and Review of the Draft Use Cases and User-Stories provided by the Business Analysts for every Release.
* Assisted in developing keyword driven and descriptive programming framework for automation defects.
* Involved in performing data inspection for files loaded from source to landing zone.
* Detected, reported and tracked defects using JIRA.
* Participated in creation of source and target systems using ETL Process and worked with various databases.
* Involved in User Acceptance Testing (UAT).
* Work in Selenium IDE and Selenium Web Driver and execute the test cases using Selenium Web Driver.
* Performed Functional, Smoke, Usability, Integration and Regression Testing
* Worked in protocols used in insurance such as web Services, HTML, SOAP, XML
* Integrated the selenium smoke test into Jenkins for continuous integration.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium WebDriver and Jenkins.
* Tested each web services (SOAP messages) using SOA test tool (IBM Message Test Utility).
* Actively involved in black box, grey box and white box of the application.
* Applied synchronization points and checkpoints wherever required.
* Developed test cases and scripts, and created virtual users in LoadRunner for Load, Stress and Performance Testing of the application.
* Interacted with developers and business Users to communicate the defects.

**Environment**: Selenium, SQL Server 2000, TestNG, XPath, Firebug, FirePath, Eclipse, SOAPUI, SQL, Unix, LoadRunner, web Services, HTML, SOAP, XML.

**Automation Engineer**

**FICO, India**

**April 2012 – July 2015**

**Responsibilities:**

* Participates in backlog grooming, planning, and other Agile planning activities
* Setup the Hybrid Automation framework using Java, Maven, Selenium WebDriver, TestNG, Apache POI, log4j to execute test cases in multiple browsers and platforms. Train team members on automated testing practices and frameworks.
* Implemented Page Object Design Pattern along with Page Factory to drive Selenium scripts.
* Experience executing parallel testing using Selenium Grid.
* Excellent organizational, planning, and problem-solving skills on a large scale Unix& storage environment.
* Experienced Design, Configuration, Administration IBM FileNet P8.
* Create and test various A/P functions in our imaging department on existing system and servers through Kofax.
* Designing Mobile automation framework using Perfecto’s Quantum framework
* Used Actions API, Capabilities, Firefox Profiles and other functionalities to test AJAX and cross browser testing using Selenium WebDriver. Attend conferences, webinars, and training sessions to enhance skills and knowledge.
* Performed API testing XML, JSON using Swagger, POSTMAN tool.
* Worked on conversion of existing ant build scripts into Maven scripts
* Responsible for building scalable distributed data solutions on Cloudera distributed Hadoop.
* Extensively involved in all stages of testing life cycle, TDD methodologies, SDLC using Agile/Scrum.
* Involved in writing Selenium scripts and automated using Selenium IDE, WebDriver, Java, TestNG, log4j for automated testing.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Proficient in containerization technologies, namely Docker, Kubernetes, and OpenShift.
* Performing UI test automation applying BDD and DDT approaches
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, jQuery, Node.js, Redesign .Net applications based on user needs using .Net Framework 4.0 and .Net 2010
* Implemented Angular 12 services to connect the web application to back-end APIs to POST/GET the data used in the application.
* Involved in coding of C /XML console application, windows application FileNet Index application, Imaging Viewer and Bankruptcy report and ASP.Net web application using VS.Net 2010 with Sql Server 2008 R2
* Administrator of all outlying applications. Built and ran automated test suites via Cypress, Visual Studio Code, IntelliJ, Postman, Maven, Docker. Release Manager for legacy applications, employing the use of Selenium and Jenkins in conjunction with GitHub/GitLab.
* Cypress (Python) for Web/API gateway testing environment, Charles Proxy, XCode and Android Studio to pull code and build/run simulators for mobile automation via command line.
* Used AJAX for faster interactive web experience with AJAX controls Toolkit
* Involved in debugging Asp.Net web application and Win forms applications
* Used ASP.NET Validation Controls and developed JavaScript to perform various Client-side validations.
* Work with engineers to troubleshoot potential bugs and general support issues
* Collaborate and help engineers to get test sets automated with Jest e2e
* Expertise in Manual and Automation Testing of Client/Server, Mobile, Web - based, API and Cloud (AWS) applications.
* Performing the API Testing for the end points systems using Swagger, POSTMAN tools and make sure the end point are working fine. Stay informed about the latest developments in JavaScript testing frameworks, tools, and best practices.
* Worked in DevOps, installing, configuring and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing and configuring Amazon Web services (AWS).
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Used AWS to deploy the project on EC2 instance. Implementation of the Business logic layer for MongoDB Services.
* Used ADO.NET extensively for retrieving, querying and manipulating data in the database.
* Data filter from dataset in C console application using Lambda expression, used list objects for email process
* Used Data bound controls like Grid view.
* Created Stored Procedures, Indexes, Views and Triggers using SQL Server 2008
* Used Oracle 11g client for data retrieval and involved in installation
* Created and consumed Web Services to expose the application functionality for different applications running inside the company outside, implementing a Service Oriented Architecture SOA.
* Executing API test automation including Json Schema validation for multiple endpoints, testing basic authorization and API Keys
* Created functional automation scripts for report generation module using tools like Selenium Web Driver and TestNG.
* Familiar with Online Video Platforms MP4, HLS, SaaS OSS - BSS infrastructure and the entire OTT ecosystem
* Integrated SoapUI test Suites for functional testing of SOAP Web Services.
* Extensive experience writing SQL Verification scripts against complex ERD’s as well as testing SQL Objects. Including tables, views, schema changes, ETL Scripts, Ad Hoc SQL statements, and Stored Procedures for data accuracy and consistency through multiple layers of an application.
* Worked on REST API automations using Reassured org.json to parse JSON and add assertions on response.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, jQuery, Node.js,
* Expertise in React JS framework to develop the SPA.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations.
* Developed React JS pages, Web services calls, and AJAX calls for the application.
* Developed client - side Interface using React JS
* Expertise in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept
* Good experience in creating Custom Reusable React Components Library
* Used Rally (Agile Project Management tool) for creating user stories, test cases, tracking defects.
* Involved in Selenium WebDriver Automation Framework design and result reporting with JUnit. Worked in data driven framework using Java.
* Worked on JUnit as testing framework, Maven for build and SVN for code repository.

**Environment:** Selenium **VS.Net2010, WinForms, Asp.net, C .Net, ADO.Net** Web Driver, Postman, REST Assured, HTTP Client, Appium, TestNG, JMeter, Scrum methodology, SQL, Java, UNIX, GIT, Jenkins, Rally, Maven, AWS, Protractor, Agile, WireMock, Java, WebDriver/Selenium IDE, TestNG, Cucumber, REST Assured, JMeter, JIRA, SQL, JSON, SQL, Maven, GIT, Jenkins, Selenium WebDriver, Selenium Grid, Java, UNIX, JMeter, Junit, SOAPUI.

**QA Tester**

**CyFIR, India**

**August 2010 – March 2012**

**Responsibilities:**

* Analyze and review Business and Product Requirements, Technical and Functional specification by meeting with users to understand, clarify and document the requirements using Agile methodology.
* Performed GUI, UAT, Cross Browser, Functional, Black box, End-to-End and Regression Testing.
* Reviewed requirements for accuracy, completeness and testability.
* Worked with automation using Selenium IDE and RC.
* Used SoapUI for testing SOAP based Web Services. Performed functional and performance testing of Web Services.
* Worked on the Ant, Maven build scripts for creating the EAR, Database package.
* Involved in test data identification (which are device specific), test scenario execution & was responsible for preparing/submitting the Test Summary Report
* Prepared database test cases and traceability matrix.
* Created scenarios in Load Runner Controller based on the test profiles; fine-tuned the virtual user runtime and scenario scheduler settings.
* Used JIRA and VersionOne for project management and defect tracking.
* Performed Data Validation using SQL queries.
* Developed a batch file to handle critical business process
* Involved in all phases of the quality assurance process.
* Worked with offshore team for VHA Physician Preference project.
* Interact with members of the QA team, Business Analysts, Project Managers, Software Developers and End Users.
* Performed cross browser testing and parallel testing using selenium Grid.
* Involved in Unit Testing Stored Procedures and Functions.
* Worked with development team to understand the data models and performed database testing.
* Used knowledge on Oracle databases to automate backend testing.
* Designed, Implemented and Maintained Automation Framework Suite for Web UI and REST API.

**Environment:** -Agile, JIRA, SQL, UNIX, Java, SoapUI, Protractor, Load Runner, Groovy, Maven, SVN, Jenkins, SQL, Oracle databases.

**Educational Details:**

* **Bachelor’s :** Bachelors in Engineering (Computer Science)Osmania University, 2010
* **Master’s:** MS In Information studies, Trine University, May 2018