

PERSONAL DETAILS

Dilip Divakaran

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VISA Type: H1-B

AREAS OF EXPERTISE

- **UI Automation** - Java with Selenium
- **API Automation** - Rest Assured
- **Mobile Automation** - Appium
- TestNG, JUnit, Cucumber, JBehave, Serenity, Gradle, Maven, Jenkins, Fitnesse
- Log4j, Extent, Serenity Report
- **Swagger API**
- Git/GitHub
- Salesforce (SFDC)
- Sauce Labs, Autolt
- AWS
- **HP Quality Center, qTest**
- Bugzilla, JIRA
- BMC Remedy
- AS400/RxClaim
- MS-SQL, Oracle, Hyperion
- Java, .Net
- Visual Studio, Eclipse, IntelliJ
- Team/People Mgmt

Dilip Murukkampady Divakaran

Sr. Software Development Engineer in Test/Lead

PROFESSIONAL SUMMARY

- Overall 12+ years of professional experience in QA Automation and Production Support.
- Experienced in Automation Framework Design/Implementation for Web based, API, Mobile Applications and Leading the team.
- Experienced in production support, analysis, design, and development of legacy applications.
- Experience in testing Mobile Web applications and performed Mobile Apps testing on Android Devices.
- Extensive knowledge in writing test scripts using Selenium WebDriver, JAVA, TestNG, Junit, Selenium Grid, Cucumber, Gradle, Maven and schedule jobs using Jenkins.
- Automated Web Services/REST API testing using Rest Assured, SoapUI, Swagger API and POSTMAN.
- Knowledge in creating AWS VPC, AMI and integrate Jenkins with Amazon EC2.
- Experienced in Data driven Testing, Cross browser testing and Parallel Test execution using Selenium WebDriver, TestNG and selenium Grid.
- Expert in working in different Testing Methodologies like Agile - Scrum Model, Waterfall Model.
- Write logs and reports using Log4j, Extent Reports and log the defect in QC, SFDC, JIRA, Bugzilla etc.
- Expertise in performing different types of Testing: White Box (Unit Testing, Integration testing), Black Box, Smoke, Functionality, Integration, Stress, Volume, System, Performance, Regression Testing and Full Life Cycle Testing
- Experienced in writing and executing CRUD SQL statements in MS SQL, Oracle, IBM Data Studio and Hyperion.
- Experience in working with domains like Healthcare/PBM, Insurance and Finance.
- Expertise in working with .Net, Excel Macros, Shell scripting, preparing Test Plans, Test Scenario, Test Case and Test scripts for software projects. Expertise in Task Scheduling, Work allocation, Time planning, Defect management and Metrics Management in different software development environments until production.

EMPLOYMENT HISTORY

Currently working as an Sr. SDET/Test Lead with EPAM Systems since June 2021 to till date.

PROFESSIONAL EXPERIENCE

Project # 1

Client	: Edward Jones
Technology	: Java, REST API, Cucumber, Serenity, Junit, MS SQL, Hyperion, IBM Data Studio, Groovy, Selenium, Java, Swagger
Testing Approach	: Automated.
Role	: Sr. SDET/Test Lead
Team Size	: 10
Duration	: June 2021 - Till Date
Location	: Dallas, Texas (Remote)

Responsibilities

- Develop test plans that accurately gauge the application quality.
- Develop, Refactor, Validate the Automated test cases for Asset Transfers, Profiles UI and API stories.
- Develop, Maintain, and suggest recommendations to test framework infrastructure.
- Develop scripts to Automate sprint stories using Java, Selenium, Cucumber, Serenity, Junit, REST Assured and Gradle.
- Maintain the Automation Framework and Test data.
- Attend Daily status and Stand-up meetings.
- Attend weekly Grooming/Refinement and JAD sessions to prepare for next sprint.
- Ensure that the applications are tested, and quality assured to move to Production.
- Work on an Agile environment and ensure that there are no or very less backlogs to the next sprint.
- Follow In-Sprint approach in Automation and stick to the schedule.
- Write test cases in Quality Center, qTest, track the execution, and update the status.
- Query test data using IBM Data Studio, Reporting Studio, Hyperion, MS-SQL.
- Reports bugs in JIRA and follow-up with developers to ensure that the bugs are fixed to retest the bugs and close the stories within the sprint.
- Manually validate API response via Swagger before automating the API.
- Estimate the stories during refinement.
- Support Production release validation.
- Train the Manual testers on UI and API Automation.
- Report daily status to the Project Manager and Scrum master.
- Schedule/ Monitor and Maintain Regression and Smoke tests in Jenkins every day and send the report to the team.

Project # 2

Client	: CVS Health
Technology	: Java, Java Script, Cucumber, TestNG, MS SQL, Salesforce, Groovy, Selenium, AS-400, GitHub, Appium, POSTMAN, SoapUI.
Testing Approach	: Automated.
Role	: SDET/Test Lead
Team Size	: 3 -12
Duration	: June 2015 - Till Date
Location	: Dallas, Texas

Responsibilities

- Analyzed the Business Requirement Document (BRD) and Functional Specification documents (FSD) to prepare Test Cases based on the Test Plan and Use Cases and attended Reviews meetings to better understand the applications.
- Analyzed test data and Conducted Database or Data driven testing under certain business rules for data population in DB.
- Developed Automation Test Scripts in Selenium WebDriver using Java, based on the design pattern Page Object Model for reusability to automate UI screens of applications like Salesforce (SFDC) Classic and Lightning versions and many internal applications.
- Prepared Test Cases using Data Driven Framework in WebDriver.
- Involve in all phases of SDLC and STLC in Agile and waterfall model.
- Created Maven Project using Maven build automation tool to create dependencies like wars, jars.
- Implement BDD test cases using Cucumber, JBehave and generate reports using Serenity.
- Triggered TestNG files using Jenkins, Continuous Integration Tool to generate reports and to trigger periodically.
- Involved in Automation Environment setup using Eclipse, Java, Selenium WebDriver and TestNG.
- Used GitHub, the source code management tool for code re-usage, high portability extending scope of Automation Testing.
- Upload/Download files using Autolt.
- Automated Web Services/REST API testing using SoapUI/POSTMAN/Rest Assured.
- Designed Test cases Using Selenium WebDriver, Appium and TestNG using locators like Id, XPath, CSS Selector, Class Name, AndroidUIAutomator etc.
- Implemented test automation scripts for mobile testing using Appium for Android (UIAutomator2) and iOS (XCUITest) applications.
- Developed automation scripts for Mobile Native applications on iOS and Android platforms using Appium and Java.
- Good experience in mobile testing using Appium in both IOS and Android applications using emulator and simulators.
- Automation scripting experience in Intranet/Internet applications using Selenium Web Driver, SOAPUI and POSTMAN.
- Integrate SOAPUI xml output with Maven and Jenkins.
- Identified mobile elements using UI Automator Viewer, developer tools and native android apps.

- Develop test cases using Relative and Absolute XPath and Regular expressions.
- Develop test cases by utilizing the OOPS concepts, Array, Streams, Lists, Pagination etc.
- Execution of Test cases and Reporting Defects Using QC, SFDC, Bugzilla.
- Involved in solving Environmental problems along with Technical Support People, especially in Sever Connections and Database sharing issues.
- Involved in Requirements Streamlining and Test Plan Preparation.
- Preparing Requirement Traceability matrices for new business Module.
- Involvement in Test Design includes Test Data preparation and Reviews.
- Responsible for GUI and Functional Testing, using Black box Testing Techniques.
- Involved in Regression Testing using Selenium.
- Write SQL/RDBMS query/queries to add records for testing.
- Preparation of weekly and monthly status reports.
- Test Design Based on the Use case Specifications.
- Generating Test Scenarios, Test case documentation and test data collection.
- Performed Database Testing using SQL to check the Data Validation and Data Integrity.
- Analyze the Business Requirements and closely work with the Business Team to get the clarifications addressed.
- Selected the Test Cases to be automated and performed functional testing of the front-end using Selenium (IDE and Web Driver) & created Data Driven framework using TestNG.
- Executed parallel browser testing on various machines using Selenium Grid, Sauce Labs and performed cross browser testing.
- Automated Web Services/API testing using SoapUI (Groovy, Property Transfer, Assertions), POSTMAN.
- Knowledge in creating AWS VPC, AMI and integrate Jenkins with Amazon EC2.
- Execute the Test cases and review the results to get the Business approval for UAT.
- Performing Regression test using automated testing tool Fittesse and Selenium.
- Develop Behavior Driven Development (BDD) framework and write tests in a human readable language called Gherkin.
- Involved in the regression test planning for the project and identified the critical regression tests.
- Executed the automated regression test cases during every release and executed the daily regression test suites.
- Expert knowledge on daily status reporting and managed end to end testing from Test management tools like Quality Center.
- Coordinate with Offshore for handling deliverables.
- As a Team Lead, manage Offshore and Onsite associates with task allocation and manage deliverables.
- Develop framework using a design pattern - Page Object Model.
- Understand the XML requirement and develop applications using .Net, MS SQL to ingest the XML requirement to the RxClaim to build the plan.

- Develop excel macros to extract data from RxClaim system.
- Create Member ID's based on the Information available in the AS400/RxClaim system and test/report the functionality of the members in different applications like People Safe, Member Portal etc.
- Prepare estimates for the scope defined and allocate resources for testing.
- Maintain defect logs and daily/weekly reports to share to management. Prepare lessons learnt and RCA documents based on the need and add the scenarios to the regression test cases.

Project # 3

Client : Comcast
Technology/Tools : Java, Oracle, Selenium, Remedy, JIRA
Testing Approach : Manual and Automated.
Role : Test Analyst
Team Size : 5
Duration : Feb 2015 - June 2015
Location : Philadelphia, Pennsylvania

Responsibilities

- Attended daily standup meetings, provided daily status on manual and automation test results.
- Designed and Developed the Automation Test Scripts using Selenium WebDriver using Java. Reviewed the Test Reports using TestNG.
- Performed Functional Testing, Data Driven Testing, and Cross Browser Compatibility Testing on different browsers like IE, Firefox & Chrome.
- Developed Test cases using Element Locators and Selenium WebDriver methods.
- Enhanced Test cases using Java Programming features and TestNG Annotations.
- Execution of Selenium test suite and developed reports and reported defects.
- Involved in Retesting and Regression Testing using Selenium WebDriver.
- Performed Functional, Smoke, Integration, System, Regression, End- to-End Testing.

Project # 4

Client : MetLife
Technology/Tools : Remedy, Mainframe, .Net
Role : Associate
Team Size : 8
Duration : Feb 2014 - Feb 2015
Location : Coimbatore, India

Responsibilities

- Identification of application/components that is no longer required.
- Go ahead from AD/EI/DBAs to remove the unwanted components. Creation of tickets/requests to initiate the activity.
- Identification of Mainframe jobs that consumes CPU consistently, hikes its CPU usage gradually, etc. Providing the identified jobs to CI Team.
- Identification of servers for performing storage from Tier2 to Tier3. Addition of appropriate Tier3 storage (which is same as the existing Tier2 storage). Pointing the Tier2 storage to Tier3 storage.

- Identification of components other than Dist CPU, Dist Storage, MF CPU & MF CPU which could impose savings (eg: Monitoring, Output printing, EI-AD project charges, etc.).
- Verification of EIBR charges for the next month
- Planning and scheduling the DR activity by secure approval and dates from PM for the schedule, Consolidation of dates and follow up and sending the Schedule is sent to MetLife OS DR Coordinator.
- Sending initiation/notification mailer to Cognizant owned applications and few AD owned applications (as mentioned in Master Planning Sheet).
- USB Weekend Database ticket creation. Share the Mainframe Testing instructions and guidelines to the PM Testers / Support Teams.

Project # 5

Client : Coventry Healthcare
Technology/Tools : MS SQL, MS Access, Oracle, Golden Gate
Role : Programmer Analyst
Team Size : 3
Duration : Jan 2011 - Jan 2014
Location : Coimbatore, India

Responsibilities

- Generate the On-call reports using Cognos Viewer/Golden 32 tool/Toad every day.
- Responding to the client queries on time as per the request.
- Update Clients regarding the status of the reports.
- Providing status updates to the client on a regular basis. Find the status of the letters in the ticket received and update the client.
- Regular communication with the client.
- Attend daily/Weekly meetings and report project status

Professional Qualification

- Master of Business Administration in Information Systems, 2010 - 2012(Part Time)
- Bachelor of Technology in Information Technology, 2007 - 2010(Full Time)