

SUMMARY

- 13 + years of experience in requirements analysis, design, development, testing and implementation in Telecom, Home Automation, Logistics, Retail, Aviation and Financial domains.
- Experienced in design and development of applications using Object Oriented Analysis and Design, SOA.
- Developed client-server applications in an agile environment using **Java, Struts, Spring, Hibernate, and JDBC**.
- Good experience in Java and good experience using **threads** and **Multi-threading**.
- Have good knowledge on Spring Boot and Micro services.
- Developed web services using **SOAP, Axis, JAX-RC, WSDL** and **REST** web services.
- Experienced with source code management tools like CVS, Subversion, **GIT**, GitLab and BitBucket.
- Experienced in implementing CI/CD using **Jenkins**, Cruise Control and TeamCity.
- Designed database (DDL), database relational mapping, **SQL**, Phinx migrations and worked with **MongoDB**.
- Implemented scripts to backup images, database on Amazon **EC2**, Amazon AWS **S3**.
- Worked with DynamoDB, **ElasticSearch**, Accumulo and AWS load balancer, System Variables management.
- Developed scripts to synchronize calendar events on Microsoft **Azure** administration panel with **Office365**.
- Developed python scripts to connect to **Raspberry Pi** and Virtual Serial Port emulator to communicate with keyboard. Experienced with automating scenarios with pytest.
- Experienced in migrating UFT test cases to cucumber, Selenium and Java environment.
- Developed test scripts, automated tests using **JBehave, Cucumber** with **Selenium, Selenium-Grid**.
- Created framework using SoapUI, **RestAssured** to test soap and rest web services. Knowledge on **GraphQL**.
- Services virtualized using DevTest/Lisa for rest services.
- Tested web services using rest-client, postman, and JMeter for application load testing.
- Experienced in automating test data creation and experienced with gradle tasks for cucumber tasks execution.
- Good experience in using **Sauce Labs** for UI automation testing and updating results.
- Developed scripts to transfer reports in python, worked on FTP and **SSH** utilities.
- Implemented test execution runs in different browsers and **PhantomJS** headless browser.
- Worked on reviewing security, and verification using **Penetration Testing** tools like **OWASP ZAP**, PHP Vulnerability Hunter., code review and analysis for best practices.
- Working on **Continuum** Security automation POC to fix issues by checking HP Fortify scan reports.
- Experience with QASymphony, qTest, integrating tools like Jira, HP ALM, VersionOne into **QASymphony**.
- Good knowledge on **TestComplete** and experience with Jira Test Manager.
- Developed scripts using **Shell** scripting, **PowerShell** and **Python**.
- Involved in server configuration and build deployment in **Unix/Linux** environments, system health monitoring with **AppDynamics**, consul and log analysis using **Splunk**.
- Good knowledge and experience with **Ansible** for test automation and pipelines.
- Experienced in using Application Servers Apache Tomcat, WebLogic and WebSphere.
- Implemented **DevOps** strategy for having fast phased project releases with coordination, involving in development, CI/CD with automation goal and handled deployments.
- Experienced in TDD, BDD methodologies and worked in Waterfall and Agile development life cycle environments.
- Excellent Communication Skills and Team Player Spirit, Leadership qualities, Problem Analysis and Solving Abilities.

SKILLS

Technologies and Tools: Java, C, C++, Struts, Spring, Hibernate, Spring Boot, Applets, Web Services, JMS, HTML, jQuery, JSON, IntelliJ, Eclipse, Rational Clearcase, TestNG, OWASP ZAP, Vulnerability Hunter, CodeSniffer.

Databases: Oracle, MySQL, MSSql, DB2, AS400, Sybase, MongoDB and DynamoDB.

Application Servers: Apache Tomcat, WebLogic and WebSphere, JBoss.

Scripting: JavaScript, TypeScript, Shell Scripting, PHP, PowerShell and Python.

Testing Tools/Other: Selenium, RestAssured, Protractor, Mocha, Cucumber, JBehave, Selenium-Grid, HP ALM, Postman, apigee, Swagger, TestComplete, QASymphony, Sonatype Nexus, BrowserStack, SauceLabs, BitBucket, GitLab, Atlassian products.

PROFESSIONAL EXPERIENCE

Client: GreenSky

Senior QA Automation Engineer

August 2018 - Till Date

Responsibilities:

- Developed test automation setup for various micro services and user interface projects in **Jira** agile environment.
- Developed test plans, test cases and strategy for functional test and regression for high visible secure project.

- Worked on automation scripts in javascript/**protractor** with **mocha** including execution setup in saucelabs.
- Developed rest services automation in javascript and pytest automation with **python 2.7** and migration to v3.7.
- Setup jenkins jobs for test automation and contributed to **pipelines** setup for CI/CD process.
- Experienced working in aws environment with **elasticsearch**, kibana, accumulo, **dynamo** db, mssql and docker.
- Contributed to **automation tool** to read tabular data, simplified application submission and generate SQL scripts.
- Developed **jmeter** performance scripts, executed load testing, reporting and setup **jenkins** jobs to execute tests.

Client: Delta
DevOps Quality Engineer

April 2018 - August 2018

Responsibilities:

- Developed strategy to cover testing for releases and to achieve stability and security.
- By working in VersionOne and **SAFe** environment, developed automation scripts using Jasmine, **Protractor**, Java, Cucumber, **RestAssured**, Gradle, JavaScript and TypeScript.
- Integrated API and enhanced frameworks. Played a part in integrating API with UI by working in **GitLab**.
- Working on integrating Jira, VersionOne and HP ALM with **QASymphony** and using **qTest** Manager for qtest scenarios, execution, and reports for BDD tests from QA perspective.
- **Selenium-Grid** creation, Regression setup and pipeline integration with different stages using Jenkins.
- Test Data API creation to support multiple teams with test data and worked on **mongoDB** for templates.
- Working on Security Token verification and adding automation for security.
- Initiating security testing automation POC to verify tokens, authorization, JSON injection using **Continuum** Security.

Client: T-Mobile
Software Development Engineer In Test

July 2017 – April 2018

Responsibilities:

- Worked on setting up automation framework for UI Functional Testing for the reorganization.
- Developed test plans and automation development in agile environment.
- Developed automation scripts using Selenium, Java, and **TestNG**.
- Developed Framework with Utilities for application, Selenium, **RestAssured**, Splunk search and validation.
- **DataAPI** framework developed for dynamic data calls and test data and Excel Utility for static data provision.
- Virtualized Services using CA DevTest (**Lisa**) and documentation on confluence.
- Setting up Jenkins, configuration and scheduling automation regression runs and validation.
- Worked with DevOps on using Enterprise Delivery Pipeline to include automation tests with micro apps.
- Worked on code optimization, triaging issues in HP ALM, Training teams and setup workshops on automation framework for continuous testing, parallel execution of tests in **saucelabs** and windows environment.
- Setting up **AWS** EC2 VMs for teams and reporting updates to stakeholders on **Jenkins** regression execution.
- Helped teams with PlantUML setup and collaboration using Slack and working on agile project using Rally.

Client: Macys
Senior Automation Engineer

September 2016 – July 2017

Responsibilities:

- Understanding complex Manhattan systems, Wave process on inbound and outbound flows and customization for Macys needs and automating to test process, functionality.
- Developed test cases and test plans and lead team in agile environment.
- Developed automation scripts using Selenium, Java, JBehave, Python and **PhantomJS** headless browser.
- Automated services using **RestAssured** and soapUI.
- Worked on CI/CD process including test automation, regression execution using **Jenkins**.
- Worked actively to create framework with utilities for UI, DB, Services (Soap, REST, and EMS).
- Developed scripts to transfer reports in python, utilities like **EMS** Tibco Services, FTP and **SSH** utilities, parallel test plan execution, Jira and **JBehave** reports integration.
- Trained automation team to use framework to improve productivity.
- Reporting and analysis metrics update and **Serenity** BDD reports.

Client: AT&T
Senior Software Developer

December 2015 – September 2016

Responsibilities:

- Developed **REST** web services, **SQL** queries to capture data and to send events to core database.

- Handled Firmware/Software upgrades on Controller using Cisco UI.
- Achieved multi-keyboard hardware interaction on the fly with configuration using python.
- Involved in architecting solution for merging components to have end to end automation testing.
- Worked on international version integration, automation testing of devices, reviewing alarm codes validation.
- Migrated **UFT** test cases to cucumber in **Selenium**, **Jenkins** environment.
- Developed python scripts to trigger events on AFM and ZWave devices and validation.
- Worked with Virtual Serial Port Emulator (VSPE) to connect with devices via Raspberry Pi using python scripts.
- Simplified Jenkins jobs and regression time using tag based **cucumber** options.
- Worked on automation regression ALM and significantly improved performance with Jenkins run on nodes.

Client: Manheim

Lead Software Developer, DevOps/Automation Engineer

July 2007 – November 2015

Responsibilities:

- Setup development environment and **Git** repository, planning, testing, implemented **DevOps** strategy.
- Developed applications using Java, Spring, Hibernate, JMS, XML, HTML, JavaScript, and **SOA** based web services, multi-threading. Applied Java 7 security issues fix.
- Loading time improvement of legacy application by redundant libraries reduction and optimization by 70%.
- Developed few modules with **PHP**, **AJAX**, **JQuery**, **JSON**, **IEM API**, and office365.
- Involved in database design, created DDL's and worked on **Oracle** SQL to MS SQL.
- Worked onphinx migrations using composer and fixed security issues while penetration testing the application. Identified production issues with worm injection and resolved.
- Lead development with multi-disciplinary team to create data feed program application.
- Developed script for database backup and images import on **Amazon EC2**, Amazon **AWS S3** bucket.
- Developed Administration monitoring tool to access auction data during live auction process.
- Developed load test program, involved in deployment of applications and onsite-offshore coordination.
- Involved in datacenter setup, road map, server configuration and application deployment for test and production.
- Tested web services using **SoapUI**, rest-client, **JMeter** for application load testing.
- Automated test cases using **Selenium**, **JBehave** and **Gherkin**, **Jenkins** to run regression tests.
- Deployed application on Linux environment and involved in regression testing, bug fixing.
- Setup Office 365 through Microsoft **Azure** Admin panel to synchronize calendar appointments.
- Worked with US and Europe agile teams on Web sockets, HTML5 for multi-browser, multi-device support.
- Reviewed and testing RTSP, TCP protocols solution for A/V solution with Darwin Streaming server.
- Reviewed SFMC to replace IEM by working with team and providing DDL used for IEM and custom fields.
- Handled application deployments including WordPress blogs, **Splunk** logs analysis and **monitoring**.

Client: Manheim

Java Developer

January 2007 – July 2007

Responsibilities:

- Worked on streaming application development and achieved implementing display variation.
- Designed and developed accounting and online payments, invoices for automotive financial services.
- Found production issues like application going down in usual traffic of 40-50% and helped in fixing problem.

Client: Harris Corporation

Java Developer

January 2006 – December 2006

Responsibilities:

- Achieved configuration management, fault/performance analysis of network elements and services.
- Developed use cases, implemented radio locators network with maps API, IBM ILOG JTGO and JIDE components.
- Developed JUnit test cases with Jemmy API and developed Oracle SQL queries

EDUCATION

Master of Science, Blekinge Institute of Technology, Karlskrona, Sweden

Bachelor of Technology, J.N.T.University, Hyderabad, India.