SALEEM AZEESKHAN

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## H1b Only c2c

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## TEST AUTOMATION ENGINEER - SDET

*Quality Engineer: |Cucumber (BDD)| Selenium (Java) | UFT (QTP) | Rest Assured | Robot Framework| Functional Testing | SDET*

* Senior SDET with 12 years of expertise in the whole SDLC process, including design, development of test plans, test cases, test execution, and implementation of test processes to achieve the best results in fast changing work environments.
* Extensive experience in developing and maintaining automated test scripts using Python, integrating with various frameworks and tools to ensure high-quality software testing, and employing best practices for coding and automation.
* Skilled in using Cypress for end-to-end testing of web applications, creating complex test scenarios to validate user workflows, and integrating tests into CI/CD pipelines for continuous testing and faster release cycles.
* Hands-on technology professional accustomed to working in complex, project-based workspace.
* Extensive functional testing experience, along with development and maintenance of test automation frameworks in Selenium Web Driver (Java) with JUnit and developed test scripts in Cucumber (BDD).
* Analysis of business and system requirements including impact analysis of existing systems and create detailed requirements with business users and technical architects.
* Used AWS for scalable test environments, continuous integration with CodePipeline, and automated infrastructure provisioning with CloudFormation.
* Leveraged GCP for creating test environments, continuous integration with Cloud Build, and serverless testing with Cloud Functions.
* Employed Cypress for end-to-end web testing, validating complex user workflows, and integrating tests into CI/CD pipelines for continuous testing.
* Hands-on experience in automating Rest API’s using Rest Assured (Java) with Test NG and competent in UFT (QTP) by automating web applications.
* Excellent interpersonal and communication skills, technically competent and result-oriented with problem solving skills and ability to work independently and as a team.
* Involved in various phases of testing like Development Integration (DIT), System Integration (SIT), User Acceptance (UAT) and release validations (PROD).
* Excellent knowledge of Agile ceremonies and experience with Waterfall methods. Experienced in testing Android and iOS mobile applications, as well as using simulators

 **SKILLS SUMMARY**

# Testing Activities:

* Test Automation
* API Testing
* Functional Testing (Agile & Waterfall)
* DB & Regression Testing
* Sprint Planning, Grooming and Retro
* Smoke & Sanity
* Integration & System Testing
* Acceptance Testing (UAT)
* Test Script Design & Failure Analysis
* Defect Management
* Test Plan, Strategy, Design and Execution

**Domain:** Investment Banking, Data Analytics & Life Sciences

* Tools and Programming Languages:
* Cucumber (BDD) & Selenium, Playwright, Specflow/Pytest
* UFT/QTP(TDD)
* Rest Assured & Robot Framework
* Java, C++, Basics of VB, and Python
* JUnit & Test NG
* JIRA & HP ALM
* MYSQL/PostgreSQL/MongoDB
* Jenkins & Electric Flow - CI/CD
* GIT & SVN
* Bitbucket & Stash
* Maven
* Mocha
* Postman & Swagger
* IDE (Eclipse, Spring Tool, IntelliJ, PyCharm)

##  PROFESSIONAL SUMMARY

### Employer: Cuboid IT Solutions. Client: Goldman Sachs

***Designation: Principal Consultant 01/2024 – Till Now***

Served as a test architect by collaborating with product teams to strategize & align long term solutions for test automation including roadmap, tools, and framework. Responsible for the overall testing efforts including environments and tools with a focus on requirements, testing activities, automation, and continuous integration.

### Accomplishments:

* Developed and selenium support code in Java.
* Developed and maintained automated test scripts using Specflow in BDD format to ensure comprehensive test coverage for various application features.
* Integrated Specflow with Selenium WebDriver to automate web application testing, ensuring seamless interaction with UI elements and consistent test execution.
* Developed and executed end-to-end test scripts using Playwright to validate the functionality and performance of web applications across multiple browsers and platforms.
* Integrated Playwright with CI/CD pipelines using Jenkins to enable continuous testing and early detection of defects, improving overall software quality and delivery speed.
* Developed, executed, and maintained comprehensive test plans for infotainment systems, including DB/API/Authorization integrations, end-to-end, regression, functional, and smoke tests.
* Utilized AWS services for test environments: Leveraged Amazon EC2 instances to set up scalable and reliable test environments, ensuring consistent and isolated testing conditions.
* Tested backend systems via RESTful APIs, developing optimized BDD tests using cucumber Gherkins by writing behaviors and step definitions and developed required
* automated and manual tests using Selenium, Python 3, and Zephyr.
* Employed appropriate test framework design patterns such as decorators, markers, fixtures, data classes/structures, and reporting.
* Automated infrastructure provisioning: Used AWS CloudFormation and Terraform to automate the provisioning and configuration of test environments, reducing manual effort and increasing efficiency.
* Conducted usability test to identify issues and provided training and mentorship to junior testers.
* Developed automation strategy to support regression testing based on reusability and complexity.
* Provided release readiness recommendations based on test execution and defect metrics.
* Created reports and presentations to communicate test results to stakeholders.

### Client: Dun & Bradstreet

***Designation: Test Lead 01/2021 – 12/2023***

Served as a test lead for the project and guided team members on the testing activities and reviewed test artifacts. Involved in test automation and created test scripts in cucumber (. feature file) for DIVR customer portal. Involved in API testing using postman for verifying different service request.

### Accomplishments:

* Built automation framework from scratch in selenium Page Object Model using Java and Junit
* Using Python for developing and maintaining automated test scripts, ensuring high code quality and reliability.
* Tested data platforms using Selenium/POM frameworks, focusing on applications utilizing Pyramid, React, and Redux.
* Ensured compliance with industry standards and regulations related to data analytics.
* Defined and drove quality assurance best practices within the QA team.
* Promoted effective communication, problem-solving, and adaptability within the team.
* GCP SDK and CLI Integration: Integrated GCP SDK and CLI in test scripts to interact with various GCP services programmatically, enhancing the automation capabilities and flexibility of test frameworks.
* Developed automation scripts in BDD using cucumber and proficient in writing scenarios in Gherkin
* Ran DB jobs in SQL server for different environments and shared testing reports to key stakeholders.
* Testing Rest API using postman and automated them using Rest Assured.
* Ran regression automation suite in UAT for each production release.
* using Cypress for end-to-end testing of web applications, creating and managing complex test scenarios to validate user workflows.
* Defect management and timely tracking of tasks and user stories in JIRA.

### Client: Elsevier ELSA

***Designation: Senior Testing Analyst 03/2020 – 12/2020***

Served as a senior test analyst by doing automation scripts for API in Rest Assured (Java) with Test NG for the regression backlog. Involved in API testing using postman for verifying different services. Served as a key member in verifying the PDF and word documents generated via third party application Type Fi for book production.

### Accomplishments:

* Completed work order 12 by validating 8 different templates in Type Fi.
* Automated 10+ Rest APIs using rest assured (Java) with Test NG.
* End to end testing done for transformers team for validating CXML, PDF and Word files.
* Automated test scripts using cucumber (BDD) with selenium (Java) and Junit.
* Configured CI/CD tool Jenkins for running test on regular basis automatically.
* Part of daily scrum meeting, involved in sprint planning, grooming and retrospections.
* Involved in querying database using PostgreSQL for different input data.

***Client: E\*TRADE Financial Corporation
Designation: Associate – Projects 01/2017– 02/2020***

Served as a lead QE on development projects for E\*TRADE Corporate Services group. Supervised an 8-member software QE testing team in developing and implementing quality-assurance and quality control methodologies to ensure compliance with QA standards, federal regulations, and customer specifications.

### Accomplishments:

* Conducted test plan/testcases walkthroughs with project stakeholders and product teams.
* Created test cases and executed automation scripts to uncover defects and done in-sprint automation.
* Used Jenkins server to configure with GitHub and helped team to remove impediments in CI/CD pipeline.
* Worked in automation framework updates in selenium web driver and cucumber test scripts
* Involved in DB testing using MS SQL server by verifying different tables and schemas.
* Conducted training in automation tools like selenium and cucumber for the team.
* Timely tracking of tasks and user stories using JIRA and involved in UAT testing activities.

### Client: E\*TRADE Financial Corporation

***Designation: Programmer Analyst 09/2013 – 12/2016***

Served as a key member in automation team. Automated more than 400+ test scripts UFT(QTP) tool for a window- based application using test data driven (TDD) approach. Worked in creating test scenarios, test cases, and test scripts for web applications.

### Accomplishments:

* Test plan creation, authoring, execution of test cases and defect management in QC.
* Automating regression test cases in UFT(QTP) and did failure analysis.
* Script fixes for selenium scripts that are getting abortive due to several enhancements.
* Creating reusable actions and functional libraries in UFT(QTP).
* Involved in design discussions, identified quality defects, and done execution in UAT environment.

### Client: Abbott Laboratories

***Designation: Programmer Analyst Trainee 01/2012 – 08/2013***

As an entry level trainee, I was involved in creating test cases based on the requirement document, sending clarification to the product team on requirements and raising bugs in HP ALM.

### Accomplishments:

* Test protocol migration, Dry run and Formal execution done in HP ALM.
* Functional verification and validation done for TC’s along with requirement analysis and test design.
* Involved in mapping the requirements to test cases in requirement traceability matrix.
* Validation of test cases and creation of testing reports.

##  EDUCATION DETAILS & EXPERIENCE

* Engineering (Masters) - Embedded System Technologies - Anna University, Chennai, India
* Engineering (Bachelors) - Computer Science - Anna University, Chennai, India
* 11 years 11 Months (Cognizant Technology Solutions), 5 Months – Present (Genpact LLC)