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Visa- H1B Location: Atlanta, GA



**Tahirhussain Didgur**

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**Professional Summary:**

* **12+ years of experience as a Software Testing Professional** worked on analysis, design, development and testing various web-based applications in Banking and Finance domains.
* **8+ years of experience as Automation tester** using Selenium WebDriver and Cucumber using BDD framework.
* **5+ years of experience in API testing**. Tested various microservices using the Rest Assured library with data in JSON and XML formats.
* Experience in various financial domains along with good knowledge on **Investment Banking FX Trading Platform based apps and Portfolio management including front office a Back office and Middle office operations across Trading life cycle, (Capital Market equity and Fixed income bonds and Foreign currency(Fx)Trading/Derivatives),Mortgage, Retail banking including payments flow,Security, Health Insurance(Healthcare).**
* Worked on **Trade order management systems including trade capturing, processing and reporting across different assets classes of trade orders like options. Equity, foreign currency, mutual funds Fixed income bonds** etc.
* Designed and developed manual and automated test scenarios for API testing and web applications using **Selenium WebDriver** and **Cucumber** for **functional, regression, sanity, and integration testing.**
* Developed Test Scripts to implement Features, Test Scenarios and Step-Definition for **BDD** (Behavior Driven Development) using **Cucumber** (Gherkins format)
* Performed automation testing using **Page Object Model (POM) with Page Factory** in **Selenium WebDriver**
* Developed Test scripts for Mobile testing using test automation tools like **Appium**, **UI Automator, Xcode, XCUI Test frameworks**.
* Experience in performing testing in Android Emulators and IOS simulators using Appium for **native , Hybrid and Web based mobile** applications.
* Crafted automation scripts for Salesforce reports using **ACCELQ Automation** tool.
* Experience in various **Test Methodologies, Test Design, Test Execution, Defect Process, Traceability and Defect Tracking**.
* Acquired proficiency **in Front-End Testing, Back-End testing, and Web-service testing** (Postman).
* Expertise in **Core Java and Object-Oriented Concepts** (Inheritance, Polymorphism and Collections
* Developed different types of frameworks like Hybrid framework, Data driven and Keyword Driven using **Cucumber, TestNG, Gradle and Git** and configured **Jenkins** build jobs.
* Performed **API testing for microservices** using **Postman and SOAP UI,** **Rest Assured Library** and created, maintained, shared repositories to the team.
* Performed **Database Testing with SQL** and automated Data Validations using JDBC
* Possess working knowledge on **HP Application Life Cycle Management (ALM),** logged bugs and communicated with managers and developers with issues regarding closure of bugs.
* Created business based functional **test scenarios, test cases, test plans and traceability matrix**
* Used **Atlassian Suite (JIRA, Confluence, ATM, etc.)** for tracking and reporting issues. Ensured accuracy in version management of project documentation
* Worked in both **Agile** and **Waterfall** methodologies and participated in **Scrum** meetings
* Possess strong communication, problem-solving, organizing and planning skills with the ability to work independently and/or in a team environment
* Supervised offshore and onshore teams and directed **Bimodal (Agile & Waterfall)** projects.
* Hands-on experience in Web Service Testing/ API testing using **Rest assured/Karate libraries** and Postman tools. Used **Serialization and De serialization** concepts to build Webservices automation test cases
* Working knowledge of testing standards, defect management process, and the risk framework and mitigation practices. Perform functional, regression, integration and system testing for banking products like **loans, payments, credit cards or digital banking**.
* Good working knowledge of Jenkins to achieve **CI/CD** goals.
* Good knowledge of Testing **AI LLMs like OpenAl and Google Gemini using AI Agents and Browser -Use libraries**.
* Can effectively use **Generative AI** to build Test plans, Test strategies, Generate Step Definition, Test scenarios for BDD using Gen Al. Learned **prompt Engineering skills** to retrieve exact details from LLMs using Gemini/Chat GPT

**Certifications:**

* Accelq Automation Engineer

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Testing tools | Front End UI/API Testing with Java, Selenium WebDriver, Accelq, Cucumber, Appium, Postman, Apache POI, Atlassian Suite, Rest Assured, Karate, HP Quality Center (ALM), SQL |
| Skills | Web testing, Mobile Application testing, API Services testing(REST and SOAP), Automation Testing, Manual Testing, Agile methodologies |
| Test Frameworks | POM (Page Object Model), Data Driven, Keyword driven, Hybrid, Cucumber BDD, Junit, TestNG, |
| Defect Tracking Tools | Jira, Bugzilla, HP ALM |
| DB and DB tools | Oracle, MySQL, MS SQL Server, Toad for Oracle |
| Version Control | GIT/GitHub, SVN, Bitbucket |
| Build and Continuous Integration Tools | Gradle, Maven, Jenkins |
| Project Methodologies | Waterfall, Agile/Scrum, SDLC, STLC, Bug Life Cycle |
| Webservices | RESTful web services, SOAP |
| IDE | Eclipse, IntelliJ,Pycharm |
| Platforms | Windows 7/Vista/XP, UNIX, MAC OS X. |
| Language/ Script | Java, HTML, Python |
| Artificial intelligence | Knowledge of - Browser-Use, LLMs -OpenAl and Gemini, AI agents |

**Professional Experience:**

**Client: Objects on Net, OONET, Fayetteville, GA OCT ’24 to Till Now**

**Role: : Test Automation Engineer**

**Responsibilities:**

* Understand Business requirements and convert them in high level test scenarios.
* Create **Features** and **Scenarios** for the business requirements using **BDD Cucumber Framework.**
* Create **API** test cases, running these scripts using **cucumber framework**.
* Develop Automation test scripts using **Selenium/Java/TestNg**.
* Validate API’s using **Java/ Rest Assured and Postman**.
* Running scripts creating batches and validating the test results in each sprint.
* Create new **Batch** files using TestNg xmls as per business needs.
* Executing automation Test suits on weekly basis and enhancing existing test cases based new requirements.
* Maintain batch files and optimize code, add new features to Batch files and run them weekly.
* Implementing best practices in developing optimized automation framework.
* Develop **reusable functions and utilities to support** testing framework.
* Using Test Ng/Cucumber features/scenarios to execute test suites and build customized test execution reports as per business need.
* Participate regularly in Daily stand-up meetings, Retrospective meetings.
* Collaborate with diverse application teams and work with cross functional stakeholders within the organization.
* Involved in managing project code on GitHub server.
* Involved in creating new Jobs in Jenkins and configuring the jobs as per project need. Triggering the Jenkin jobs regularly and enhancing it.
* Executed complex SQL queries to validate business requirements/scenarios.

Environment: Java, Intellij, Jenkins, Jira, BDD -Cucumber, Selenium, Git/GitHub, Jenkins. SQL

**Client: Wells Fargo, (Charlotte/San Fransisco) Mar 22 to Nov 23**

**Role: Automation Engineer**

**Description:**

* BI/TCAM and WWWHP are Wells Fargo Bank’s public site for end customers. As part of this implementation, Bank is developing new responsive pages for the existing bank’s website which includes CB(Consumer Banking) and CIB (Investment Banking) page changes. As per Responsive Web Design (RWD), there are changes to the web elements exists on CB and CIB pages. Project implementation/enhancements needs to tested on latest Mobile and Tablet devices supported by Android and IOS operating systems and all Desktop applications. As part of TCAM, we have different BI Reports developed based on clients requirements. These reports were automated using new tool called ACCELQ.

**Responsibilities:**

* Develop Automation scripts using Accleq Automation tool using Java programming language.
* Executing automation Test suits on weekly basis and enhancing existing test cases based new requirements.
* Validate new responsive design changes done as part of the implementation.
* Developing reusable functions and utilities to support frameworks.
* Involved in Agile/Scrum, daily stand up meeting testing activities and meetings like 3 Amigos.
* Executing test cases and reporting bugs found during execution.
* Managing offshore teams and assigning work for every sprint.
* Maintain batch files and optimize code, add new features to Batch files and run them weekly.
* Capture test results from Batch file execution and submit report to end clients.
* Involved in Requirement gathering, refinement meetings and providing business solutions.
* Develop API/Web services test cases and Validate API’s using Accelq/Postman tools.
* Access GitHub using GIT UI Tortoise in managing project code on GitHub server.
* Involved in creating new Jobs in Jenkins and configuring the jobs as per project need. Triggering the Jenkin jobs regularly and enhancing it.
* Executed complex SQL queries to validate business requirements/scenarios.

Environment: Accelq,BDD, Java, Intellij, TestNG, Jenkins, Jira, Git/GitHub, Jenkins. SQL

**Client: Principal Financial Group, Des Moines, Iowa Aug’21 to Mar’22**

**Role: Automation Engineer**

**Domain - Trading domain/Capital Market**

**Responsibilities:**

* Involved in waterfall and Agile methodology of software development life cycle for Investment **Banking Trading Platform based apps and Portfolio management including front office a back office and Middle office operations across trading life cycle.**
* Lead the team in terms of assisting, assigning task .Tracking team deliverables. Lead defect stand-up calls across sub teams and reporting test execution and planning progress in SIT, UAT cycle of quarterly releases.
* Involved in Trade order submissions **using UI, API and FIX flows for FX forwards. Spots swaps ,Equity and Fixed income and foreign bonds assets and their trade flow systems.**
* **Worked on trading FO application like Charles River, zoom UI in trade capturing for multi asset classes of trade orders including options. Equity, Foreign currency, mutual funds, Fixed income bonds etc.**
* Worked on **trade portfolio systems** in maintaining trades processing and processing operations.
* Worked on Middle office GTM applications in validating reprocessing trades due to exceptional handling/errors.
* validation, booking/confirmation using VeriFIX tool.
* Tested trade workflow E2E from initiation on the front end to Record Keeping System
* Performed automation testing using Page Object Model (POM) with Page Factory in Selenium WebDriver
* **Developed API test cases**, running these scripts using from cucumber framework.
* Create API’s test cases using **Java/ Rest Assured, Matchers libraries.**
* **Validating scenarios having OAuth Client Authentication/Access Token.**
* Implemented cucumber framework, used cucumber features/scenarios and reports for automation test suite execution.
* Developing reusable functions and utilities to support frameworks.
* Involved in daily stand up meeting testing activities and meetings like 3 Amigos.
* Executing test cases and reporting bugs found during execution.
* Create new Batch files using TestNg xmls as per business needs.
* Maintain batch files and optimize code, add new features to Batch files and run them weekly.

Environment: BDD, RAD, Source Tree, Java, Selenium, TestNG, Gherkin, Git/GitHub Jenkins. SQL

**Client: Wells Fargo, (Charlotte/San Fransisco) Oct’19 till Aug’21**

**Role: Project Test coordinator**

**Description:**

* Objective of this project is to ensure the successful data migration of the current BDW (Brokrage data warehousing) work to Data hub (Oracle Next generation data hub). BDW is a DB2 EEE environment which supports operational reporting needs of WFA.BDW ETL Migration project will consolidate and migrate current BDW workload in to data hub complex and it decommissions the existing BDW.

**Responsibilities:**

* Extensively worked as Test coordinator with offshore-Onshore resources.
* Responsible for driving and delivering testing activities of all the impacted applications within the release.
* Has diversified experience in Bimodal (Agile/Waterfall) projects.
* Involved in Test planning, creating test artifacts for the projects, involved in requirement understanding, peer review of test cases.
* Responsible for test coordination, tracking QA efforts and deliverables and ensuring suitable actions for high severity Prod defects.
* Responsible for ensuring test practices are followed and preparing necessary test artifacts as compliance (Test plan, RTM, Test results documents)
* Conducting defect triage meetings, test status meetings. Requirement clarification meetings with Dev and business.
* Participate in Weekly review meetings, communicate any major showstopper issues to Project team and Business partners well in advance to mitigate risk.

**Client: TIAA Bank, Jacksonville, USA Nov’17 to Sept’19**

**Role: QA Engineer**

**Description:**

* PublicUI is a public facing portal to open a new banking account, existing client can use this application to purchase any new products and manage their existing accounts. Public UI allows users to create new accounts and fund them immediately using their TIAA Bank internal banking or External bank accounts. Web registration allows applicant to register for online banking. Existing clients through web registration process can independently create their own secured id that can be used to view the all banking transactions performed on their account. When client logs in to banking account, they will be directed to CeB portal (Customer e banking) from where they have option to navigate back to TIAA summary page to view their profile and summary of account.

**Responsibilities:**

* Worked as QA Engineer.
* Developing manual test cases, carrying out functional, regression and End to End testing of application.
* Executing test cases and reporting bugs found during execution.
* Developing Automation test scripts – Automation tool used –Selenium/Java/TestNG
* Involved in testing web services using postman tool.
* Perform functional, regression, integration and system testing **of loans, payments, credit cards or digital banking.**

Environment: Java, TestNG , Eclipse, Jenkins, Jira, BDD -Cucumber, Selenium, Git/GitHub, Jenkins. SQL

**Client: Compass PHS, Dallas, USA Jan’15 to Oct’17**

**Role: Automation developer**

**Description:**

* Compass PHS is a US-based healthcare company which provides integrated solution of transparency, prevention and pathways of care, consistent, sustainable cost savings and improved health plan for employees. Company try to minimize the Medical Costs of employee by providing them with options for Medical procedure, Doctor, providers based on recommendation and back ground verification. To achieve this, company has developed 2 different web based applications (Internal and External ) along with mobile app. Internal application is used by Compass members to cater the need of customers. External application and Mobile app is developed for customers to specify/ find their medical needs.

**Responsibilities:**

* Worked as SDET/Automation developer.
* Developing Automation test scripts using –Selenium/Java/TestNG
* Involved in understanding of business and technology of client and preparing test plan.
* Actively involved in test execution/ planning/ task allocation to the team members
* Developed, executed, and maintained automation scripts using Selenium WebDriver tool
* Gained hands-on experience in Keyword Driven and Data Driven Frameworks
* Test management tool used- Zephyr Test management tool

**Client: Stearns Lending, Texas, USA Dec’13 to Jan’15**

**Role: QA Analyst**

**Description:**

* Stearns Lending is a US-based mortgage lending services company. SNAP 2.0 and Origin mobile applications assists the Broker Network at Stearns Lending by providing on-the-go access to information about Loan Application Progress for Broker and Client. SNAP 2.0 and Empower websites used by brokers to register their loans. SNAP Mobile Broker Portal Application is a subset of existing web application SNAP and Origin Mobile Broker Portal is a subset of existing web application Empower that brokers access to view the Loan information and progress. The end product will be available on multiple devices; Mobile and Tablets, supporting Android. The primary objective of the project is to work on Correspondent, Wholesale and retails loans using SNAP & Empower mortgage application.

**Responsibilities:**

* Device/Mobile Testing of applications.
* Actively involved in test execution, planning, task allocation to the team members.
* Analysing the business requirements from clients and preparing manual test cases.
* Conducting Review Meetings with business and Development teams on requirements.
* Performing functional, regression and End to End testing of the application.
* Defect reporting, retesting and providing testing status to client.
* Involved in test data creation on mainframe databases. Responsible for providing test data for all dependent teams.

**Client: Asurion, Nashville, USA Aug’11 to Nov’13**

**Role: Test Lead**

**Description:**

* The Asurion Online Claims application provides subscribers with a quick and convenient way to submit claims at any time, day or night. Asurion provides replacement devices if your electronic device is lost, stolen, or damaged. It also serves as a Mobile Content protection company for service providers like Verizon, AT&T, Telstra and many more. Asurion applications are used by end customers to file the claims for their mobiles if lost, stolen or damaged. The subscriber can file his claim by own without taking help from CSR’s from web based application like iWeb or iCare. Similarly Asurion have several CSR based applications using which CSR executive can file claims on behalf of Asurion customers.

**Responsibilities:**

* Actively involved in test execution, planning, task allocation to the team members.
* Analysing the business requirements from clients and preparing manual test cases.
* Conducting Review Meetings with business and Development teams on requirements.
* Performing functional, regression and End to End testing of the application.
* Defect reporting, retesting and providing testing status to client.
* Involved in test data creation on mainframe databases. Responsible for providing test data for all dependent teams.

**Education :**

* Bachelor of Engineering, Visvesvaraya Technological University (VTU), Karnataka, India

**Free Lancing/Internship (Location -India) Dec 23 to Sept 24**

* Relocated to India since I was maxed out on my H1B, moved back to USA with approved I-140 and extension.
* Upskilling, learnt new Technologies -Artificial Intelligence (LLM Browser use, Agent), got new certifications.
* Did some work with Upwork and free lancing for E commerce projects using Selenium/API Java rest Assured.
* Learned **prompt Engineering skills** to retrieve exact details from LLMs using Gemini/Chat GPT
* Can effectively use **Generative AI** to build Test plans, Test strategies, Generate Step Definition, Test scenarios for BDD using Gen Al.