**Ravikumar Nagaraj**

QA Professional with 17 years of experience

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##### HIGHLIGHTS

* **Primary Skills:**
* Methodologies: Agile, Waterfall
* Testing Tools: Functional Testing, Selenium, TestNG, JMeter, SoapUI, Burp Tool postman, Swagger
* Test Management Tools: HP ALM (QC), JIRA, qTest
* Frameworks: Data Driven (TDD), BDD (Cucumber ),Hybrid (Page Object

Model), Angular JS

* Test Build & Integration Tools: Maven, Jenkins
* Programming Languages: Java, JavaScript, C++, Unix Shell Script
* Databases: Oracle, MS SQL Server
* Markup Languages: XML, JSON
* Platform Compatibility: MS Windows 2000,10, XP, Unix
* Web Browsers: Internet Explorer, Mozilla Firefox, Google

Chrome

* Version Control Tools: SVN, GIT, GITHUB
* Cloud Platform: Azure, Kubernetes, JAMS Scheduler, Kibana

##### SUMMARY

* Experienced QA Manager with **17 years** of experience in all the phases of **STLC**, reviewing business requirements, preparing test strategies, test plans, and develop detail documentation of test cases for both **Functional testing & Automation testing using Java, Selenium, Web Service**, and **API testing** to deliver the quality product in **Finance** (Banking)**, Logistics, Telecom, and eCommerce domains.**
* Experience in Managing a Team of Software Development Engineers in Test (SDET’s) working in Agile model supporting delivery teams to achieve consistent, predictable, high-quality releases by implementing common practices, tools, metrics, automation frameworks and oversight and delivering high quality solutions that meet business objectives in a flexible, collaborative and rapidly changing environment.
* Work as a leader/trainer in a large, complex QA organization, with a demonstrated ability to implement scalable automation solutions.
* Drive innovative testing solutions within a complex, Enterprise Platform
* Expertise in **Capital Market, Retail Banking Domain applications**
* Experience in **Structured Credit, CLOs Domain**
* Wide knowledge of test frameworks and test methodologies
* Expertise in **Automation of Functional Testcases using BDD (Cucumber) framework.**
* Expertise in Automation of API testing using **Rest assured framework.**
* Expertise in entire **Software Development Life Cycle (SDLC) and Test Development Life Cycle (TDLC)** in **Agile** as well as iterative development environments **(Waterfall)**
* Expertise in conducting Agile Ceremonies **Sprint planning, Daily Scrum call, Demo and Retrospectives**
* Proficient in Automation of web-based applications using **Selenium, Java, JavaScript**
* Expertise in writing test scripts using **TestNG** which involves in-depth understanding of **OOPS and XML** knowledge.
* Expertise in using defect tracking and project management tools such as **HP ALM (Quality Center), JIRA**
* Expertise in working with automation frameworks such as **Data Driven Framework, Hybrid Framework with Page Object Model (POM)** as design pattern.
* Expertise in using build automation tools such as **Maven** (to manage framework dependency jar files) and for automating software build processes by configuring build dependencies in **POM.xml.**
* Expertise in using **Jenkins** for the Continuous Integration of code and schedule build jobs.
* Expertise in using version control tools such as **SVN, GitHub** for efficient artifact archiving and concurrency management.
* Expertise in testing SOAP **and RESTful** Web Services using **SOAPUI, POSTMAN** tool.
* Experience in debugging issues of front-end web applications developed using **Angular JS framework.**
* Expertise in writing **Unix Shell Scripts**
* Experience in validating request and response in **XML and JSON** formats in case of Web Service testing
* Experience in reporting with test metrics such as productivity, defect, defect priority, and ratios
* Experience in configuring **JMeter** thread groups, listeners, request handlers to carryout performance and load testing.
* Expertise in writing and understanding complex **SQL queries** to validate ETL jobs and data.
* Experience in **API** testing
* Experience in eCommerce security testing using **Burp** tool.
* Experience in establishing whole QA process and its improvement periodically.

##### EDUCATIONAL QUALIFICATION

* **Bachelor of Engineering (Electronics and Communication), Adichuchanagiri Institute of Technology, Chikmagalur, Karnataka -577101**

##### EXPERIENCE

**Employer: ANA-DATA Consulting, USA 10/29/2022 to till date**

Designation: QA Manager

Project: ADS (Analytics Data System) Oct’22 to till date

Client: CIFC, NY (Remotely working from Charlotte)

**Description:** ADS deals with structured credit products. The Application has an ability to run custom scenarios on the CLO universe and collect data for analysis and finding new trading opportunities. It calculates risk metrics using risk metrics framework to compute spread duration, cash on cash. It also can run reprice and reset scenarios and overnight store cashflow universe on all equity and debt scenarios.

**Responsibilities:**

* Designed and developed Automation framework using Selenium, Java and TestNG using POM as a design pattern.
* Analyzing the Manual Test Cases for the feasibility of Automation in Regression Phase.
* Lead a Team of SDETs both in Manual and Automation testing.
* Responsible for overall QA deliveries.
* Training and grooming Team members on automation best practices, Framework Design, and implementation
* Driving quality metrics to improve customer quality.
* Drive release efficiency, reduce regression cycle time, and time to market.
* Attract, hire, empower and develop the best engineers.
* Manage resources across different geographical locations and offshore vendors.
* Responsible for Non-Functional QA activities like Performance testing, Security testing etc.,
* Automation of Sanity testing consists of different equity and debt scenarios and thereby reduced the testing time from 24 hours to 2 hours.
* Developed Automation test script to Automate ADS web app functionalities like creation of scenarios, run scenarios etc.,
* Tested Kibana log files to validate from which POD the request is coming from and thereby check the possible errors in routing.
* Added more Generic Function Library, Reporting Library, Test Data Library to streamline the Automation process and execution.
* Converted the TestNG dependent Automation Script to Command based one using MAVEN properties so that Business Team also can run without much Setup.
* Involved in the creation of Azure Pipeline to run the Automation script from Azure environment.
* Responsible for end-to-end testing by following Agile/SCRUM process.
* Performed /Guided Team in API testing using Swagger.
* Conducting Defect review meeting with cross functional team BAs and Developers
* Monitored defect management and reporting activities using JIRA.
* Involved in creation of YAML file to connect to JAMS Scheduler
* Created Wikipedia for Automation Framework design which helps New Team members in understanding that.
* Wrote SQL queries to validate the CLO’s data like Yield, Tranche, Ratings etc.,
* Participating in daily standup meetings status, strategy and defect calls with dev team, managers & Business team
* Conducted Automation script Demos to Stakeholders
* Performed code review of scripts and tuned to increase the performance. Test maintainability, readability, and code documentation
* Training and grooming Team members on automation best practices, Framework Design, and implementation

**Environment:** Java, SQL Server, Kubernetes, Azure, Kibana, Selenium, Maven, TestNG, JAMS, GIT/GITHUB, Agile Methodology, Eclipse, Swagger

**Employer: Synechron Inc, Charlotte, USA 02/21/2017 to Oct’22**

Designation: Senior Specialist-QA

Project: RTS 602 Feb’22 to **Oct’22**

Client: TransAmerica, NJ (Remotely working from Charlotte)

**Description:** Transamerica’s Mid-Market and Large Market business sit on two different system platforms and Alliance codes in the Retirement ecosystem. To meet the goal of creating operational efficiencies and streamlining the service and experience to Transamerica’s

Internal and external customers, all Mid-Market plans (AC18) are being moved on to the Large Market Systems (AC1) platform. This has been achieved through migration of Funds between FMRS(AC18) and P3 (AC1) system RESTful Webservice and scheduled Jobs. Also, Multiple Fees like CAC, VAC, EBA setup has been implemented for different plans through Paris-3 UI.

**Responsibilities:**

* Designed and Developed Automation Framework and test scripts by analyzing requirements, user stories for Multiple sub projects under RTS 602 Account using Selenium, Java. Maven, TestNG in Hybrid model
* Lead a Team size of 15 QA Engineers both in Functional and Automation testing.
* Test Strategy, Test Plan creation
* Responsible for carrying out Training sessions and Demo sessions to newcomers and stakeholders.
* Designing SQL queries to validate data loaded from different sources like PARIS III, FMRS and eDocs.
* Automation of Regression test cases for CAC, VAC fee using Selenium, Java, TestNG, Maven and Jenkins using BDD
* Used POM as a design pattern.
* Used Page factory class for implementing POM design pattern.
* Automation of Rest Assured APIs using Rest assured framework
* Involved in Code Review, reviewing requirements, test cases and following up with different teams on functional clarifications and defects for faster resolutions.
* Developed Hybrid automation framework using Java, OOPS, Collections, TestNG Data Providers, Reports and Listeners.
* Used maven tool for Build management and ‘Jenkins’ as CI tool for running tests automatically on a periodic basis.
* Designed and developed SQL scripts to validate the various data points from different data sources of the application.
* Conducting Defect review meeting with cross functional team BAs and Developers
* Supervised and co-created testing and defect-tracking documentation with 100% closure rate
* Responsible for JIRA setup to maintain testing artifacts like test cases, scenarios, Creating Test Lab. Test Plan, Defect Life Cycle, Test status reports and Traceability Matrix
* Responsible for end-to-end testing by following Agile /SCRUM process.
* Coordinated with Project Manager to develop test plans and schedules.
* Identified resource requirements and developed resource allocation model.
* Actively involved and conducted Sprint planning, Daily Scrum call, Demo and Retrospectives
* Monitored defect management and reporting activities using JIRA.
* Reviewed and approves test procedures and specifications.
* Developed quality assurance metrics to improve test efficiency.
* Evaluated performance of QA team and conducted training sessions as needed.

**Environment:** Java, Oracle, JIRA, qTest, Selenium, Maven, Eclipse, TestNG, Jenkins, Bitbucket, Agile Methodology, SQL server and DB2

Project: FATCA and CRS Compliance

Designation: Senior Specialist--QA Feb’20 to Dec’21

Client: First Abu Dhabi Bank

**Description:** First Abu Dhabi Bank has partnered with Newgen Solution Vendor for automating the FATCA and CRS Remediation & reporting process. The key requirement of FAB from this solution is automation of their FATCA and CRS continuous due diligence and reporting process; by means of a fully integrated case management offering an end-to-end view of the entire process. The solution should be designed to improve efficiency and offer capability for real time tracking and reduced turnaround times for the process, while seamlessly integrating document repository and process monitoring capabilities.

**Responsibilities:**

* Automation of validating results of SQL queries using Selenium and Java with huge set of source data
* Estimated the time required to develop Automation scripts for Regression Testcases using Selenium and Java
* Test Strategy, Test Plan creation
* Design and Developed SQL queries to validate data loaded from different sources to DWH(Alchemy)
* Automation of Regression suite using Selenium, Java, TestNG. Maven and Jenkins as CI/CD Tool and POM as Design pattern
* Used Java Collections data structure to improve the Automation process of comparing the reports between Prod and UAT env
* Performed API testing using Swagger.
* Automation of Rest Assured APIs testing using Rest Assured Framework and JSON and XML as a protocol
* Conducting Defect review meeting with cross functional team BAs and Developers
* Acted as a Subject-Matter Expert in regression testing, carrying out 20+ training sessions for newcomers.
* Conducted Demos to Stakeholders to get the approval for Automation test script development.
* created structured documentation of all end-user requirements during the liaison between the business, development team, and client and conducted walkthrough for more than 12 different LOB Teams
* Involved
* Responsible for JIRA setup to maintain testing artifacts like test cases, scenarios, Creating Test Lab. Test Plan, Defect Life Cycle, Test status reports and Traceability Matrix
* Performed code review of scripts and tuned to increase the performance. Test maintainability, readability, and code documentation
* Responsible for end-to-end testing by following Agile /SCRUM process.

**Environnent :** Java, Oracle, JIRA, Selenium, Maven, TestNG, Jenkins, Agile Methodology **,** eclipse, Swagger, Rest Assured Framework

Project: Credit Card Securitization & LADIS

Designation: Specialist--QA Mar’19 to Nov’19

Client: Wells Fargo, Charlotte, NC

**Description:** This project deals with converting credit card loans to securities. The securitization will be in the form of master note trust which will issue multiple series of notes that will be sold to investors and intend to issue securitizations on a quarterly basis. Each securitization is expected to be $500MM-$3Bn in size.

Core portfolio accounts will be loaded to newly created Schema staging tables from upstream system (RDR). It contains secured and unsecured accounts. From the core portfolio, the representative pool will be created by excluding the accounts which are secured, not having USA billing address and not payable in US dollars. This pool will be again bifurcated to securitization pool and sent it to ABS suite and SPV (special purpose vehicle) to further process. The out of these systems will be securities/notes which will be sold to investors by segregating notes to AAA-BBB rating bonds. LADIS deals with sending daily in and out transactions in a specific file format to the Federal bank.

**Responsibilities:**

* Developed the existing Automation framework to add more Generic Libraries, Reporting Libraries to the framework using Java/Selenium/TestNG and POM as a design pattern.
* Design and Developed Automation scripts to automate the Credit cad securitization modules using Selenium /Java
* Writing complex SQL queries to fetch fields which needs to be sent to Deloitte ABS suite.
* Initial Setup of CI/CD tool Jenkins and maven to schedule a periodic execution of the Automation suite.
* Automation of validating results of SQL queries using Selenium, Java. Apache POI APIs
* Performed API testing using POSTMAN.
* Conducting Defect review meeting with cross functional team BAs and Developers
* Responsible for HP-ALM setup to maintain testing artifacts like test cases, scenarios, Creating Test Lab. Test Plan, Defect Life Cycle, Test status reports and Traceability Matrix
* Performed code review of scripts and tuned to increase the performance. Test maintainability, readability, and code documentation
* Responsible for end-to-end testing by following Agile/SCRUM process.
* Creating Test report matrix to the management

**Environment:** MS Windows 10, Java, Oracle, HP-ALM, Selenium, Agile Methodology, Maven, TestNG**,** Angular JS, Eclipse. POSTMAN

Project: GSAP, Cornerstone & DDRT

Designation: Associate Specialist June’18 to Feb'19

Client: Wells Fargo, Charlotte, NC

**Description:** This project deals with buy/sell side of securities by different divisions of Wells Fargo like Wholesale,

WIM or Corporate at different geographical locations mainly includes North America and UK. The GSAP application aggregates all type of purchases at various levels like Enterprise, LOB LE and Account and also monitors compliances. It leverages the existing ATA platform and build robust system which helps to aggregate Securities, CUSIP, Account etc., by connecting to different data sources. The data from flat files, JSON, excel and oracle DB are migrated to SQL server and after that those data are pulled out to generate required reports.

Cornerstone project deals with an individual and business customer's detailed information and creating I unique id which is passed on to other downstream application for further processing.

**Responsibilities:**

* Designed and Developed Automation framework from scratch using Selenium. Java, TestNG, Maven and POM as design pattern.
* Automation of stable test cases using Selenium (POM design pattern) and Java using BDD framework
* Performed API testing using POSTMAN tool.
* Automation of Rest Assured API testing using Rest Assured Framework using JSON as a protocol
* Wrote complex SQL queries to make sure the customer's details are stored in database tables.
* Performed code review of scripts and tuned to increase the performance. Test maintainability, readability, and code documentation
* Identify, communicate, and resolve issues and risks during the end-to-end process.
* Regression testing to ensure on-going system quality from software release to software release through Agile process.
* Responsible for creation and maintaining of Test Lab. Test Plan in ALM

**Environment:** MS Windows 10, Java, Selenium, Maven, Jenkins, SQL-Server, HP-ALM, Agile Methodology.POSTMAN

Project: SRPT-Asset Movement –Retail ACH

Designation: Associate Specialist Nov’17 to Jun’18

Client: Wells Fargo, Charlotte, NC

**Description:** The Service Request Platform Transformation (SRPT) has critical components for serving brokerage account. Over 23M transactions worth of billions asset transact each year. SRPT is a multiphase effort which encompasses processes and applications that interface with the Service Request and Workflow (SRWF) platform. Some processes require redesign; some require redesign with minimal changes; some require only rewrite workflows.

The high-level objective of this project is to keep as-is functionality while rewriting the workflow process for the stated Service Requests utilizing the implemented go-forward solution (IBM BPM). Rationale for this project is to ensure continued functioning of the stated Service Requests and to mitigate potential issues by moving the Platform of an unsupported workflow system.

**Responsibilities:**

* Designed and Developed Automation scripts to automate SRPT ACH web application using Selenium, Java, TestNG, Maven and Jenkins as CI/CD Tool.
* Estimated time required to develop Automation suite of ACH modules.
* Implemented POM design pattern.
* Performed API testing using POSTMAN tool.
* Design test scripts based on the scope, requirements, user stories and /or use cases.
* Executed test cases and tested threshold data through an automated workflow process using Selenium Java and TestNG annotations
* Conducting Defect review meeting with cross functional team BAs and Developers
* Documented detailed test cases and implemented an Agile/SCRUM process.
* Validated test results with SQL to verify that all the audit records were updated and that the results are correct.
* Test functionality and features during periodic releases to the UAT environment
* Responsible for setting up HP- ALM to facilitate a standard testing process.

**Environment:** MS Windows 10, HP-ALM, IBM –BPM workflow, Java , Selenium, Eclipse , Jenkins, TestNG, Maven. POSTMAN

Project: ESQA -EBT/CLT Critical Automation Mar’17 to Oct’17

Client: Wells Fargo, Charlotte, NC

Designation: Associate Specialist

**Description:** This project is mainly dealing with an analyzation of 49 different application’s smoke/regression test cases from EBT and CLT LOBs and thereby making these cases ready for Automation. The applications belong to Consumer Lending and Corporate Technology, deals with rule engine to set Business rules, Loan processing, Servicing, HR time tracker, Loan assignment etc., Erstwhile these smoke test cases were executed manually for each release and frequency of release varies from 5 to 8 per year. So, Manual execution was cumbersome task to execute around 10000 smoke/regression test cases from different applications. To achieve consistency, efficiency and accuracy in execution, we have analyzed correctness of test cases with current functionality of the application manually and then automated test cases.

**Responsibilities:**

* Responsible for designing Hybrid Automation Framework /BDD framework using POM as a design pattern, Maven (Build tool)
* Automated test scripts using Selenium, Java, JavaScript and maintained source code in SVN
* Responsible for scheduling jobs using CI tool Jenkins
* Coordinated with all 49 application’s Business Team, Functional Team, Development Team and analyzed functionality of each application and make test cases ready for automation
* Led a team of Automation Engineers and responsible for testing deliverable s
* Involved in Batch Execution using Selenium with TestNG framework
* Implementing new common Java functions to use it across the modules like updating the results in ALM through Java, Choosing Prod, UAT and SIT env
* Wrote SQL queries to make sure the database tables are getting with proper set of data using Java objects
* Used Scrum process to deliver potentially shippable application components based on Agile development model, roles, and ceremonies
* Responsible for conducting and driving defect and clarification meeting
* Performed web service testing using SoapUI
* Reported different set of Test report matrix to the management
* Responsible for creation and maintaining of Test Lab, Test Plan in ALM

**Environment:** MS Windows XP, Oracle, Selenium, Java, JavaScript, TestNG, HP-ALM, SoapUI, SQL, SVN, Jenkins, Maven

**Employer: Wibmo (Earlier Name-enStage), Bangalore, INDIA 01/21/2015 to 03/17/2016**

**Role: QA Lead**

**Project:** eGuard Rule Engine and Accosa (3D secure) Jan’15 to Mar’16

**Description:** This product is designed for Acquirer and Issuer side ecommerce fraud detection and prevention. It collects data from various sources, applies predictive analysis to accurately assess the cardholder’s transactions in real time and sends real time alerts and triggers to prevent fraud. When a customer does any transaction through web or merchant (POS) those transaction details (that is called as VeReq) first will go to VISA network to check whether the card is enrolled or not. If it is not enrolled, application will send status N. If card is enrolled application will send VeRes. After successful VeRes, application will send PeReq /PeRes. At this point, transaction details are passed through eGuard rule engine where transaction information runs through 53 rules, which are set by default. All 53 rules will run against each transaction and any of the rule condition is satisfied, that rule will get trigger with the score. We can set the required score for each rule using CSR module. Depending on the score the suggestions like Deny, Critical, High, and Medium. Low and Accept will generate. If the suggestion is denying or critical, the transaction will be logged in the case management where representatives analyze the pattern of transaction and decides whether to reject the transaction or to keep on hold. All the transactions done through Mobile wallet (WIBMO) are passed through eGuard engine and thereby providing run time protection to transactions performed through mobile devices runs on iOS and Android OS.

**Responsibilities:**

* Designed and implemented TDD automation framework using POM as a design pattern and TestNG for reporting
* Developed an automation script using Selenium, Java and JavaScript
* Used Scrum process to deliver potentially shippable application components based on Agile development model, roles, and ceremonies
* Ran test cases using Selenium grid hub and node simultaneously on multiple platforms
* Performed security testing using Burp tool
* Performed testing on Visa and MasterCard enrollment, authentication, settlement, and chargeback process through XML and JSON formatted requests/responses
* Involved in testing database to verify the single and triple DES encryption
* Performed web service testing and database testing using SOAPUI and SOAPUI Pro 5.0 using REST Protocol for both internal and external services
* Involved in performance testing using JMeter
* Used GitHub repository for efficient remote team working, also stored the framework and all the developed test cases
* Compared SQL results by writing SQL queries in Unix staging and prod environments
* Deployed Java code base in staging environment and helped extensively Production Support team in deployment of the application
* Automated the process deployment using Unix shell script on Cloud Platform

**Environment:** Unix (On Cloud Platform), Oracle, Selenium, Java, JavaScript, SoapUI, SQL, GitHub, XML, JSON, Agile (Methodology), Jmeter, Unix shell script

**Employer: Captiveway India Solutions Pvt.Ltd., Bangalore, INDIA 12/26/2013 to 01/20/2015**

**Role: QA Manager**

Project: IwayDec’13 to Jan’15

**Description:** The project deals with bilateral trade between European, Middle East, and Asian countries by providing authenticated data in the field of Market research, knowledge services in different industrial sectors. It facilitates nexus between C-Level executives of different industries and provides them relevant data in their respective sectors which helps them to establish their business internationally. Also, it helps to get the market opportunities like M&A, JV, and PPP in various businesses.

**Responsibilities:**

* Negotiated the ongoing purpose and deliverable s of the test effort
* Ensured the appropriate planning and management of the test resources
* Involved in product development
* Advocated the appropriate level of quality by the resolution of important defects
* Advocated an appropriate level of testability focus on the software development process
* Responsible for status reporting to top management
* Estimated and obtained management support for the time, resources, and budget required to perform the testing
* Used Scrum process to deliver potentially shippable application components based on Agile development model, roles and ceremonies
* Designed test scenarios of the functionality related to lending process (Commercial), sign up, and enrollment in banking sector to adopt in Iway product
* Developed the test plan for the tasks, dependencies, and participants required to mitigate the risks to system quality and obtain stakeholder support for this plan
* Documented, implemented, monitored, and enforced all processes for testing as per standards defined by the organization
* Reviewed various reports prepared by Test Engineers
* Escalated the issues about project requirements (Software, Hardware, and Resources) to Project Manager/ Senior Test Manager
* Prepared/ updated the metrics dashboard at the end of a phase or at the completion of the project
* Kept track of the new requirements/ change in the requirements of the project
* Defined the testing strategy
* Guided Test Leads / Engineers in designing an automaton framework (Hybrid) with build tool and CD/CI tool

**Environment:** MS Windows XP, Selenium, Java, TestNG, Quality Center (HP ALM), Maven, Jenkins, Oracle

**Employer: Mphasis, Bangalore, INDIA 03/03/2003 to 02/22/2012**

**Role: Module Lead-Testing Practice**

Project: IBanker Apr’11 to Feb’12

Client: Chase Bank

**Description:** The banker is a new system based on the requirements identified by the business. The need for this application was brought about by the creation of a new line of business (LOB), called Global Corporate Bank, a joint venture between the Investment Bank (IB) and Treasury and Securities Services (TSS), with an initial focus on fast-growing and developed economies.

**Responsibilities:**

* Led a team of Test Engineers and responsible for testing deliverable s by implementing Agile process flow
* Designed TDD Automation frameworks and common Java libraries to use across the application
* Automated test cases of treasury pages using Selenium, Java, JavaScript, TDD framework with POM (page object model) design pattern
* Generated HTML report using TestNG
* Setup SVN (configuration management tool) to maintain the code versions
* Design and Develop test cases to test SOAP and RESTful web services
* Involved in estimation
* Involved in creating project, domain, users set up, groups, permissions, rules, workflows, business views and different types of reports) for all the modules such as requirements, test plan, test lab, defects and dashboard in HP-ALM (QC)
* Wrote SQL queries to perform database testing to check the GCB and TS clients
* Created test strategy, test plans, and traceability matrix
* Designed test scripts by analyzing requirements, use cases

**Environment:** MS Windows XP, Quality Center (HP ALM), Selenium, Java, TestNG, JavaScript, Agile Methodology, Oracle, SOAP and RESTful web services, SVN

Project: FedEx –EDC Minimum Oct’10 to Apr’11

Client: FedEx, Memphis, USA

**Description:** FedEx operates multiple data centers throughout the world due primarily to historical growth and acquisitions. Fed Ex’s primary US production data center, Corporate Technology Center (CTC), poses significant risk due to its aging power and cooling infrastructure. The EDC is the replacement for the CTC. To be successful, the EDC must transform to reduce costs, improve service levels and increase responsiveness to changing business conditions. Server technology improvements in space and power utilization will allow for a reduction in the footprint of the new data center which provides for a significant overall reduction of data center costs.

**Responsibilities:**

* Coordinated between offshore/ on-site team and client for all kinds of issues/ clarifications related to testing
* Tested PL/SQL statements in case of data migration
* Supported the extraction, transformation, and load process (ETL) from their legacy systems using Informatica
* Designed and wrote complex SQL queries to test the data in the database after the ETL activities
* Tested the upgrade version of WLS 10.3.2 and JDK 1.6 32-bit JVM
* Deployment of application in UNIX environment and automate the test cases using UNIX shell scripts
* Created test plans and estimated testing effort
* Designed test scripts by analyzing requirements, functional specifications, use cases

**Environment:** Unix, Quality Center (HP ALM), Java, Oracle

Project: Avaya Portal Phase 2 and 3 Nov’09 to Oct’10

Client: Avaya

**Description:** The Avaya Portal Redesign Project is the result of a corporate initiative taken by Avaya to revamp their existing portal.

**Responsibilities:**

* Led a team of Test Engineers and responsible for testing deliverable s
* Created test strategy and test plans
* Tested SOAP web services which provide latest rates using SOAPUI
* Wrote SQL statements to perform database testing to validate XML inputs
* Wrote JavaScript to perform client-side validation
* Automated functional test cases using Selenium with Java, TestNG and Hybrid framework
* Responsible for HP-ALM setup to maintain testing activities including maintaining test cases, execution cycles, test lab and defect life cycle
* Generated customized HTML test execution report using TestNG
* Configure SVN to maintain the code versions

**Environment:** MS Windows XP, Quality Center (HP ALM), Selenium, Java, JavaScript, Oracle, SOAP web service, SOAPUI, Oracle 10g, SVN

Project: EBAM Jun’08 to Jan’10

Client: Citibank, NJ, USA

**Description:** In today’s global business environment, clients are often dealing with hundreds of bank accounts across the globe. Opening and maintaining these accounts with up-to-date signatories is an arduous and time-consuming process. Current account maintenance processes at Citi are inefficient and considered onerous by many customers. Some of this is driven by local Central Bank requirements, but a lot is due to repetitive or duplicative processes at a local and regional level. The process is highly paper-intensive, time consuming and expensive. Combine these factors with a demand by customers to improve the process and, by default, there is both an opportunity and a need to respond. The opportunity is to create an electronic workflow for online collaboration and completion of documents with authenticated and legally enforceable digital signature capability governed by the built-in workflow process. Implementing end-to-end electronic workflow with the help of digital signatures will result in significant efficiencies that will be realized in the form of cost savings, time savings and incremental revenue generation.

**Responsibilities:**

* Automated enrollment functionality including workflow using Selenium and Java
* Led a team of Test Engineers at offshore
* Coordinated between offshore team and client for all kinds of issues/clarifications related to testing
* Involved in designing user defined libraries (Hybrid Framework) for common usage across the project
* Wrote SQL statements to test database tables in case of workflow signers
* Tested digital signature of converted PDFs carries the information of workflow signers
* Wrote scripts by analyzing requirements, functional specifications, use cases, and content document
* Responsible for SOAP Web service and API testing
* Setup ALM to maintain testcases, defect life cycle and traceability matrix

**Environment:** MS Windows XP, Selenium, Java, Quality Center (HP ALM), Soap Web service/API Testing, Oracle

Project: Asset Wealth Management Aug’06 to Jun’08

Client: JPMorgan Chase, NJ, USA

**Description:** The project deals with a real time order management and dealing system for investment managers (buy-side). It has been designed as a platform for the future, to support the rapidly changing buy-side dealing process, which is becoming increasingly similar to the investment banking (sell-side) dealing process.

**Responsibilities:**

* Wrote scripts by analyzing requirements, functional specifications, use cases, and content document
* Tested XML inputs defined in request and response from upstream apps
* Tested ETL batch process
* Worked with data analysis to implement ETL mappings and workflows, and stored procedures to meet business requirements
* Analyzed application data using complex SQL queries to validate the ETL Jobs
* Setup Oracle database connection using Java JDBC ODBC Objects like connection, Result set Classes
* Compared the Bonds data of different types automatically using Java and MS Excel
* Created Control-M scheduled jobs in UNIX environment
* Configured SVN for code repository and created branches for versioning

**Environment:** MS Windows XP, Oracle 10g database, Java, Quality Center (HP ALM), MS Excel,SVN

Project:Sign up Services for Enrollment Nov’05 to July’06

Client: JP Morgan Chase

**Description:** The project is to allow Chase Online and Cardmemberservices.com customers to sign up for paperless statements during the online enrollment process. Offering the ability to sign up during enrollment should increase sign ups in paperless statements, which should increase continued use of the service. Increased continued usage of paperless statements is the ultimate goal. However, this project is only concerned with increasing sign ups, not increasing continued usage.

**Responsibilities:**

* Wrote scripts by analyzing requirements, functional specifications, use cases, and content document
* Designed SQL queries to query the Oracle database to test Sign up services
* Wrote JavaScript to validate web page response at client side
* Designed Java program to connect to database by using Java JDBC drivers

**Environment:** MS Windows 2000, Java, JavaScript, Oracle, Quality Center (HP ALM)

**Project:** Chase Online Automation Aug’05 to Nov’05

Client: JPMorgan Chase

**Description:** The project deals with migration of existing users and make sure their account details are having authenticated data.

**Responsibilities:**

* Executed set of regression test cases
* Designed test scenarios to test existing user’s data and unit tested with Java objects

**Environment:** MS Windows 2000, Oracle, JavaScript, Java

Project: Gateway Release 7/24 May’05 to Aug’05

Client: JP Morgan Chase

**Description:** The purpose of this project was to accomplish a successful transition of Bank One’s online banking customers to the eChase gateway Single Sign-On.

**Responsibilities:**

* Facilitated smooth execution of the project at offshore
* Coordinated with Onsite QA Lead for any issues and clarifications related to project
* Responsible for defect tracking and analysis till its closure
* Responsible for test reports review
* Involved in designing SQL queries

**Environment:** MS Windows 2000, Java, Oracle, Quality Center (HP ALM)

Project: SSOUI Feb’05 to May’05

Client: JPMorgan Chase

**Description:** The project is the initial phase of JPMorgan Chase Merger project. This project required QA testing and certification to be performed on their website Chase Online.

**Responsibilities:**

* Tested the application by designing JSP pages for request /response of account summary of customers
* Retested the defects and certified for their robustness
* Involved in manual testing

**Environment:** MS Windows 2000, Oracle, Java, Quality Center (HP ALM)

Project: FedEx Shipping Manager Dec’04 to Jan’05

Client: FedEx, Memphis, TN

**Description:** This project deals with shipping of data from pub data.

**Responsibilities:**

* Designed and coded Java servlets /JSP to test the request /response of data shipping to data-ware house
* Responsible for writing JavaScript to validate input data
* Involved in writing SQL queries to test database testing scenarios

**Environment:** MS Windows 2000, Oracle, Quality Center (HP ALM), Java, JavaScript

Project: Chronos Mar’03 to Dec’04

Client: FedEx, Memphis, TN

**Description:** Pubdata is an engine that deals with the shipment information received from the upstream application like RMUE and RevRec.

**Responsibilities:**

* Wrote the test cases for the new functionality implemented in each release
* Designed an automation of testing process
* Involved in an automation of the whole testing process using Unix Shell Script
* Maintaining Code versions in SVN (Version control tool)

**Environment:** Unix OS, Oracle, Unix Shell Script

**Employer: Infinite India (Division of Infinite Computer Solutions), Bangalore, INDIA 08/30/2002 to 02/28/2003**

**Role: Software Engineer**

Project: Service Delivery Management Aug’02 to Jan’03

Client: AT&T, USA

**Description:** Service Delivery Manager (SDM) is a work management support system, which consists of a set of applications, residing on a Web-based Platform. SDM supports the re-engineering of work-centers by consolidating the provisioning of multiple voice services on a single platform.

**Responsibilities:**

* Design and Development of XML parser using DOM parser APIs in C++ on Unix Environment
* Design and coded SQL queries to test AT&T applications
* Tested XML Request and Response on Unix environment

**Environment:** Unix, C++, Oracle, XML

**Employer: Yantri Enterprise Solutions Pvt. Ltd., Bangalore, INDIA** **06/21/2000 to 11/30/2001**

**Role: Software Engineer**

Project: BITS Apr’01 to Nov'01

Client: Reprom Networks GmbH, Germany

**Description:** The project involves computerizing the tracking of issues, such as slippage of schedule, lack of quality, etc., which arise during the course of any civil construction projects. As per German construction laws, all issues which need to be addressed by a notice, which comprises of a proper documentation.

**Responsibilities:**

* Established Database connection using C++ APIs and ported into Data Structures to convert it to XML to send it to other downstream application
* SQL queries created to update, insert and to modify the construction data which compliance with Govt
* Designed UI screens and validate the client input validation using C++ code

**Environment:** C++ on Windows OS, Oracle

Project: ePS 5.1 (Electronic Payment Services) Jun’ 00 to Mar’01

Client: VeriFone India

**Description:** The product ePS 5.1 (Electronic Payment Services) is a Payment Server, which delivers a set of application components that can be combined in different ways to develop solutions that meet specific business requirements of customers.

**Responsibilities:**

* Responsible for analysis and fixing C++ warnings to make product robust
* Responsible for C++ code review to check memory leak in Unix OS
* Responsible for code analysis of ePSR on insure plus and glance plus to get memory leak reports
* Designed SQL queries to check the Payment system data

**Environment:** Unix, C++, Oracle