**Sr. QA Automation Engineer**

**Mounika Aleti |** aletidivya0991@gmail.com

**Cell**:

**PROFESSIONAL SUMMARY**

* 10+ Experience in all stages of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and worked on Waterfall and Agile project environment.
* Proficient in both Oracle SQL Developer and MS SQL Server database.
* Experienced in developing JavaScript unit test cases using Jasmine, Karma, Chai, and Mocha.
* Extensive experience of Web Services, SOAP and REST API Testing using UFT API, Restful API, Rest Sharp, Parasoft SOA, Apache JMeter, Postman and Soap UI.
* Involved in Analysis and System testing of Object Oriented Applications for Internet/Intranet and Client/Server applications using Oracle (PL/SQL), JAVA (JDK 1.x, Applets, JSP, and JDBC), J2EE and Angular.
* Expertise in performing different types of Testing: Manual testing, Regression Testing, Functional Testing, Data driven Testing, GUI Testing, Black Box Testing, White Box Testing, Stress/Load Testing, and System Integration testing expertise.
* Tested application unit testing using Junit, Power Mock, Mockito and automation testing using Selenium and Cucumber.
* Involved in various meetings with project teams to gather the non-functional requirements for Performance testing.
* Preparation of sufficient test data for all the Performance tests.
* Knowledge of Confidential .NET framework, languages & tools including: XML, HTML, ASP.NET, VB.NET.
* Experience in developing applications using ASP.NET Web Forms.
* Experience in Mainframe testing, ETL testing & Database validations using Oracle DB/Mongo DB and SQL
* Knowledge in VAN, AS2, HTTP, HTTPS and FTP EDI Communications.
* Developed an automated scripts and frame works using Python, Java.
* Experience with Junit, Android Studio IDE and Xcode IDE.
* Implemented CI/CD Pipeline for the QA Team with Bamboo and Selenium Server.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber.
* Knowledgeable of Apache Spark and developing data processing and analysis algorithms using Python.
* Proficient in Machine Learning algorithm and Predictive Modeling including Regression Models, Decision Tree, Random Forests, Sentiment Analysis, Naïve Bayes Classifier, SVM, Ensemble Models.
* Proficient in Statistical Methodologies including Hypothetical Testing, ANOVA, Time Series, Principal Component Analysis, Factor Analysis, Cluster Analysis, Discriminant Analysis.
* Experience working with IICS concepts relating to data integration, Monitor, Administrator, deployments, permissions, schedules.
* Experience in building models with deep learning frameworks like Tensor Flow, PyTorch, and Keras.
* Extensively worked with Python (NumPy, Pandas, Matplotlib, NLTK, spaCy, and Scikit - learn)
* Proficient in SDLC Software Development Life Cycle &STLC Software Testing Life Cycle methodologies such as Waterfall and Agile/Scrum.
* Experienced in Python data manipulation for loading and extraction as well as with python libraries such as mat plotlib, NumPy, SciPy and Pandas for data analysis.
* Designed and Implemented different automation frameworks like Keyword Driven Framework, Data Driven Framework, and Hybrid Framework.
* SAP experience in System Analysis, Design, Development, Quality Assurance, Configuration and support
* Experienced in using Apache POI to read data from external sources to feed locators into the test script.
* Strong skills in Database Testing and thorough knowledge in SQL/PL\*SQL.
* Excellent experience in working with various databases like Oracle and SQLSERVER.
* Very good experience in using bug tracking tools like IBM Clear Quest.
* Experience in using version control tools like SVN, GIT, and Bit bucket.
* Experience in automating regression test cases using Selenium Web Driver.
* Experience in IBM Mainframe, DB2/IMS, SQL Server, SQL, PL/SQL and TOAD.
* Possess knowledge about various Internet Protocols like HTTP, FTP and SMTP.
* Expertise in Analysis of Requirement documents, Design documents & Business Rules.
* Very Good experience in using Automated Tool Quality Center in Client Server, Web-Based and Database Applications.
* Good knowledge of J2EE, Java Script, HTML, XML.
* Expertise in Manual Testing and Automation Testing and Service Oriented Architecture.

**AREA OF EXPERTISE**

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| **Programming Languages:** | Java, Python, HTML, C/C++, |
| **Automation Tools:** | Selenium, Selenium Web Driver, Cucumber, JUnit, TestNG, Jenkins/ Docker, GIT. |
| **Frameworks:** | Data Driven, Hybrid Testing Frame work. |
| **Database/Database Tools:** | SQL Server, Oracle, MySQL, SQL, GCP, MQ. |
| **IDE and Tools:** | Jupyter Notebook, Maven, Toad, Erwin, AWS, Azure, D3, Mule Soft, Alteryx, Tableau, Shiny, Adobe Analytics, Anacondas. |
| **Operating Systems** | Linux, Unix, Windows, Mac. |
| **Web:** | HTML, ASP, JSP, Servlets, EJB, Cold fusion, XML, VB Script and Java script. |
| **Reporting tools** | SQR, Abnitio, Data Stage, ETL, n-Vision and Crystal Reports. |
| **Utilities:** | Eclipse, GIT, SVN, Firebug, Fire Path. |
| **Bug Management Tools:** | Rally, Quality Center, JIRA, Bug zilla, Version One. |
| **Frameworks:** | Data Driven, Hybrid Testing Frame work, Page Object Model. |
| **SOA Technologies:** | SOAP, REST, WSDL, UDDI, Web Services and SOAP UI. |
| **Bug Tracking Tools:** | HP Quality Center, Bug Zilla, Visual Studio TFS, JIRA, Rally. |

**|CERTIFICATIONS|**

* Automation Testing – Selenium and Cucumber.
* Python Programming.
* Advanced SQL Programming.

**WORK EXPERIENCE:**

**Sr. SDET. QA Automation Engineer | Cowen, Remote | Nov 2021 – Present**

**Responsibilities:**

* Implemented TestNG unit testing framework for the smoke test and used all Annotations in TestNG effectively.
* Designed & developed REST Full (JSON/XML) and JAX-WS Web services for Different modules.
* Designed and developed the End to end testing by integrating BDD Cucumber
* Designed & developed the orchestration for entire QA process.
* Designed interactive web pages with front - end screens using ASP.NET, C#, VB and HTML technology for the e-statement server as per the requirements.
* Developed Style Sheets with XML to display statements.
* Performed API automation testing using PHP in Codeception Testing framework.
* Performing HP Quality Centre Tasks when required.
* Configured mboxes to capture the UI data and transfer it to Adobe Target.
* Experience integrating wif Adobe Target and executing A/B testing strategies.
* Created Variables, layouts and record sets using work soft certify tools.
* Testing and validating data from CRM/SD/MM/FICO tables to BI info cubes.
* Define test cases aligned to approve requirements (Traceability Matrix).
* Scheduled batch jobs for all FI & CO programs on the testing environment.
* Involved in Mobile apps testing which is integrated wif SAP CRM (Mobile sales).
* Ensure test scripts are documented, reported and tracked in Quality Centre.
* Involved in SAP and web application test execution and defect process and triage calls and reporting the status to client management.
* Performed SOA / web services testing using SOAP UI, wrote adaptors to test / invoke web services.
* Confidential ended stand-up calls on daily basis and had two week Sprints in Agile Methodology.
* Tested Angular 2 Application with Jasmine testing framework and Protractor.
* Used Typescript for automation.
* Designed and conducted Smoke, Load, Soak, Stress, and Scalability tests using Performance Center
* Designed the Performance test environment coordinating with the infrastructure teams and Installed Open source (JMeter), Commercial Tools (Load Runner) for Performance testing.
* Developed test code in Java language using Eclipse IDE and TestNG framework.
* Implemented automation using Selenium Grid to perform testing on multiple devices.
* Used Git Hub to maintain and manage the build scripts, test data used and other documents related to the project.
* Insert test data through IBM Infrared 360 tool in Xml format for injecting the messages and verifying it in Kafka and Kibana UI.
* Experience in Smoke Testing, Regression Testing, UI Testing, Kafka Testing, API Testing, Database Testing and Functional Testing.
* Developed tools to automate some base tasks using python, Shell scripting and XML.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services & REST API.
* Used Page Object Model, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework.
* Configured Continuous Integration environment, using Jenkins to kickoff daily builds and automation suites Jenkins, Maven and GitHub. Python
* Used Collections in Python for manipulating and looping through different user defined objects.
* Extensively worked on XML technologies like XML, XSL, XSD, and Xpath.
* Conducted User Story Analysis and Test Estimates and assigned User Stories to UAT Team.
* Responsible for creating, updating, editing, and maintaining the teams various reports (Traceability Matrix, Defect Tracking Matrix, Spectrum UAT Matrix, Ad-Hoc Testing and Reports).
* Executed UAT test cases and conducted Manual Testing in Jama Contour
* Involved in writing SQL queries for backend/ETL testing.
* Developed an API Testing Framework to test REST APIs (GET, POST, PATCH, and PUT) using RestSharp.
* Interacted with developers to resolve the ETL and reports defects.
* Experienced in testing different source feeds of data for ETL and prepared mock data for ETL.
* Carried out user acceptance testing (UAT) to validate customer acceptance criteria.
* Developed automation VB scripts using QTP to automate functional and regression testing.
* Working knowledge in developing, designing in UML, Package, Class and State Diagrams.
* Hands-on experience on bug tracking tool like Jira.
* Wrote automation scripts in C# utilizing various .NET libraries for Selenium and LeanFT.
* Tested applications developed in Java with TestNG by following BDD approach.
* Developed and executed White box test cases of the Java API using TestNG framework & Eclipseas IDE.
* Automated Smoke & Functional test cases using Selenium Web Driver, TestNG& Java (Eclipse IDE).
* Tested applications developed in Java with TestNG framework.
* Used Data driven framework to fetch the data from external sources and keyword driven framework to perform actions.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, Appium for both Android and iOS platforms and Required API’s time to time by requirement.
* Used Appium tool to perform mobile testing using android mobile studio.
* Used C#, ASP.Net and JavaScript for User Interface Development.
* Used JIRA to track the tasks and issues, attended daily status meetings to update the status of work.
* Performed Back-End Testing, database table manipulations of relational database systems by writing complex SQL queries manually.
* Utilizing automation tools including SpecFlow, Visual Studio, Rider, RestSharp, Postman, and SoapUI.
* Worked under Agile methodology in the whole development life cycle.
* Performed mobile testing by using Appium to design the test scripts for both Android and IOS devices.

**Environment:** Selenium Web Driver, Mainframe, UAT, SAP, Xpath, DB2, Java, TestCafe, TestNG, Python, UI Mapping, Restful HTTP, Jenkins, Maven, PHP, CSV, CSS, mobile testing, API, Product Backlog, Agile, C#, ASP.Net and JavaScript,

**QA Automation Engineer | CVS Health Corporation, CA, Remote | Jan 2021 – Oct 2021**

**Responsibilities:**

* Integrated Automation scripts (Selenium Web Driver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Developed API Automation frameworks using SOAPUI, Groovy Script and validated data from different data sources using JDBC and ODATA urls.
* Involved in Maven configuration for running servers and scripts after the build.
* Used Jenkins as continuous integration server to run automated test suites.
* Used GitHub to maintain and manage the build scripts, test data used and other documents related to the project.
* Configurations of IBP demand, supply & Response (Order based planning), S&OP.
* Using Spring Framework written Java Coding for API Testing using Post. Performed Java Web Services testing for REST API Calls. Performed API Testing using Rest Client and SOAP UI.
* Written coding in JSP to retrieve data from Database using Jdbc Odbc concepts.
* Used IICS for Sales department to extract, transform and load data primarily to Salesforce.
* Effectively used IICS Data integration to create mapping templates to bring data into staging layer from hybrid data source systems like Sql Server, Oracle, AWS and Salesforce.
* Experience in designing and implementing Azure Backup and recovery solutions.
* Wrote test automation scripts in Selenium Web Driver using Java, JUnit and TestNG.
* Designed Hybrid Appium Test automation framework, Page Object Model for Mobile application (Android/ iOS apps).
* Using technical and debugging skills in SAP ABAP reports, enhancements, interface, workflow and Forms designing.
* Expertise on multiple SAP Modules i.e. SAP ABAP, MDG, FI, SD, MM, PP, GTS, APO, CRM, WM, SAP IS/M.
* Design, architect, and own mobile features for Android and iOS platforms.
* Development Environment: Informatica, Abinitio, Teradata, Hadoop, Cognos, Java, Spring Boot.
* Used SQL to test data loads to analysis cubes, Tested the Framework environment in Cognos Framework Manager. Tested fact table data accessed through Business Objects.
* Developed automation scripts for various REST APIs within the BDD-Selenium framework, leveraging RestSharp.
* Implementing and automated CI workflows with Copado, allowing for the seamless integration of code changes and early detection of issues during the development cycle.
* Tested and verified asynchronous post back and data validation to the server on AJAX enabled ASP.NET web form.
* Created and Executed Automated Coded UI test developed in C#.Net.
* Follow and contribute to Agile/SCRUM activities (e.g. daily stand-ups, retrospectives, iteration planning, estimate/reporting,
* Designing and developed REST based microservices using Spring Boot along with Apache Camel and GraphQL.
* Designing the OSGi runmode configuration process to ensure AEM configuration automation.
* Resolving significant security gaps in Dispatcher and AEM security configurations.
* Jenkins CI / Java & VB.NET, Selenium Web Driver API
* Tested the encryption and decryption of login and Logout functionality that was developed in C#.NET.
* Setup testing environment and maintain framework using Python.
* Tested many features in an agile environment using Python, Django, HTML5, CSS, Java Script.
* Used Python for dynamically generating property list for every application.
* Creating core python API which will be using among all modules.
* Open source tools such as Selenium, Junit, JMeter and Appium are being used for test automations.
* Validated SOAP and REST services with JSON/XML.
* Created API test automation and framework using RestSharp.
* Integrated Copado with testing tools to automate and streamline the testing process within the Salesforce ecosystem, improving overall testing efficiency and accuracy.
* Implemented the Apache POI framework for Selenium which interacts with the host web-driver using APIs.
* Responsible for unit testing, regression testing in development, quality testing and UAT before turning it to production.
* Used Android SDK and Eclipse IDE for development.
* Designed a Selenium Page Object Framework to automate a web application using the C# language.
* Familiarity working with Node.JS and NightWatch.js for web automation.
* Built Automation framework using Selenium WebDriver, Protractor, Rest Assured and Cypress using BDD.
* Created web UI tests using Cucumber, Gherkin and Cypress Automation.
* Experience in ETL Data Warehousing, database testing using Informatica for Workflow process.
* Tested all the ETL processes developed to fetch data from source to the data warehouse.
* Tested ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Worked as ETL Tester responsible for the requirements / ETL Analysis, ETL Testing and designing of the flow and the logic for the Data warehouse project.
* Oracle, SQL, VB.NET, Java, Selenium Web Driver API.
* Tested custom win controls developed in C#.Net for compatibility and system integrity.
* Developed UAT test cases and executed them to fulfill the acceptance criteria.
* Extensively used JMeter for Performance testing SOA, Web services and API’s.
* Created Performance test scripts using People soft Protocol and did custom scripting for creating and validating Production scenarios.
* Configuring high availability using MongoDB replica sets distributed across multiple geographical data centers.
* Lead performance and load testing initiatives, utilizing tools like JMeter or LoadRunner to assess application scalability and reliability.
* Provide UAT support by writing extensive test cases with little requirements and business processes as well as explain testing functionality to the UAT testers.
* Handle the tasks of explaining UAT scope, criteria and entry/exit strategy to less trained professionals
* Experienced in build automation using Jenkins and Maven.
* Testing GUI and functionality on Android and iOS.
* Developed the client side GraphQL Core API layer to server multiple mobile and web clients.
* Creation, Review & Maintenance Creative QA Checklist and Test cases for Accessibility Testing.
* Conducting analysis of report from automated accessibility scan using WAVE, Juicy Studio Accessibility Toolbar and AMP.
* Carried out both manual and performance testing of ETSP and Claims application using mercury quality center and HP-LR.
* Experienced in SQA including Manual and Automated testing with tools such as Selenium RC/Web Driver/IDE/Grid, HP Quick Test Professional and Junit/TestNG, Load Runner, Quality Center, JIRA, Neoload, ZEPHYR.
* Scripted the Test cases and managed the framework dependency jars using Maven. Used Maven to perform build from Jenkins Continuous Integration.
* Execution of test scripts using Selenium Web Driver in TestNG frame work
* Worked with developers and the testers to verify test cases.

**Environment**: Selenium Web Driver, GitLab, TestCafe, UAT, .Net, Groovy Scripting, IICS, Maven, TestNG frame work, HTML, Python, Agile/SCRUM, Java, API, Python.

**QA Automation Engineer | CSC Technologies**, **INDIA** **| June 2017 To Aug 2020**

**Responsibilities:**

* Hands-on experience in complete Software Test Life Cycle (STLC), QA Strategy and Methodologies (Waterfall, Agile & RPID).
* Proficient in both Oracle SQL Developer and MS SQL Server database.
* Developed automation framework using Selenium, Cucumber, Maven and TestNG with Java; Parasoft SOA, Restful API and Postman in QA Automation tools Discovery.
* Involved in the Validation between Power BI and Tableau reports
* Tested reports developed using Tableau.
* Used nightwatch framework to write and automate end-end browser testing in selenium server.
* Performed NUnit testing to run all the test cases.
* Developed Automation scripts in Microsoft Visual Studio and used NUnit framework
* Performed manual mobile testing using browser stack and mobile devices.
* Used Browser Stack for performing compatibility Testing.
* Developed internal and external apps for the Android and iOS platforms.
* Responsible for automate functional test cases using TestCafe node.js using Type Script.
* Supported Team on different Deployment and network changes by running automation script.
* Actively participated on Sprint Planning, Retrospective, Review and Daily Scrum Meetings.
* Created Test Plans and Test Scripts as per business requirements and functional Specifications.
* Developed Test Automation Framework using Selenium WebDriver for functional, regression, smoke and integration testing.
* Developed web application using MongoDB, Express, React / Redux, Node JS and GraphQL.
* Developed and execute automated tests for RESTful and SOAP APIs using tools like Postman, RestAssured, or SOAP UI.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Experience with Test Automation tools such as Cypress, Selenium, TestNG, Jmeter, and Junit.
* Developed and maintained automated smoke and regression test suites in Cypress using JavaScript programming language and Mocha Framework.
* Implemented PowerShell scripts within Azure Automation to address known issues identified through OMS (Operations Management Suite).
* Implemented robust monitoring mechanisms in Copado to track deployment status and quickly identify and address any issues.
* Developed a fully automated continuous integration system using Git, Gherkin, Jenkins, MySQL and custom tools developed in Python and Bash.
* Tested and deployed Apache Cordova API to a production server (JavaScript, jQuery, Node, NPM, Ant, Gulp, Grunt, Sass, make, Android SDK, XCode, homebrew, SSH, Git).
* Performed the Test Strategy, Test estimation, Test Plan, test execution on WEB Services API Testing using Rest, Soap UI, and Device Cloud Infra testing in CoMPASS UDB - TQM Video.
* Expert in Clear case, C, C+, Java, Java script, Ruby, Python
* Configure Cassandra as-a-service and, kafka/zookeeper, and redis.io in the cloud.
* Experienced using Messaging Services like JMS, Kafka, Kafka Connect, Kafka Streams.
* Developed Cucumber (BDD) Feature files using Gherkins and automate them using Selenium Web driver with Java.
* Experienced on Android Device Monitor, ADB-Android studio and Charles proxy for debug android mobile SSL /HTTPs Traffic for mobile Application testing.
* Worked on MongoDB database concepts, including locking, transactions, indexes, sharding, replication, schema design, etc.
* Designed and implemented database solutions in Azure, including Azure SQL Data Warehouse and Azure SQL.
* Carried Stress/Volume / Load Performance testing for Claims Processing (ERP application) at GMAC.
* Identified major electronic claims transmission problem causing claims transmission failure.
* Extensively used the Informatica cloud (IICS) transformations like Address validator, Exception, Parser, Solid experience in debugging and troubleshooting Sessions using the Debugger and Workflow Monitor.
* Applied test automation framework on CI/CD process using Jenkins.
* Involved in design & co-ordination of SAP ABAP development covering complete life cycle.
* Creation of OData from the SAP backend data and displaying the same on front end using CRUD.
* Performed Mobile web testing for Android and iOS devices using Appium.
* Built an Appium test framework from scratch and mentored the team using the framework.
* Performed manual testing by executing test cases for all modules before creating automated scripts to validate the test procedure.
* Responsible for creation of SQL Views for showing different Apps data in Power BI
* Validated various SSRS reports and Power BI Dashboards.
* Trained and mentored team members in BI Testing, Power BI and Confidential Test Manager.
* Responsible for showing and managing Apps data in Power BI
* Created defects in JIRA, assigned them to the responsible person and tracked until they are fixed.
* Wrote and executed the SQL Queries in TOAD to test for the data validations and other business functionality such as required fields, data formats, duplicate rows and data integrities.
* Involved in querying using SQL and updating records and validate database records as expected
* Used Appium for native, hybrid Mobile Application Testing for iOS and Android platforms.
* Developed manual test scripts and automation test scripts using Selenium to evaluate Security of Web based user authentication apps.

**Environment:** Jenkins, Selenium, Browser Stack, Cucumber, Nunit, TestCafe, IICS, Power BI, Gherkin, UFT, ALM, Appium, SoapUI, Java, Python, SQL, JIRA etc.

**QA Tester | Merkle Sokrati**, **INDIA** **| Jan 2014 to May 2017**

**Responsibilities:**

* Expert in writing Complex SQL/PLSQL Scripts in querying Teradata and Oracle.
* Defined data requirements and elements used in XML transactions.
* Tested the database schema with help of data architects using ERWIN.
* Involved in the testing of Data Mart using Power Center.
* Performed BI/Reports testing on Cognos reports.
* Written business coding in JSP to fix production bugs and to check proper routing of all orders.
* Tested Components, Templates, created Filters and generated Cognos Reports in grid and graph mode.
* Did Unit testing for all reports and packages.
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Designed the AEM user administration template and led the team to create the scripts to support automated user administration.
* C# Automation using VSTS and Selenium along with Nunit.
* Designed and developed Hybrid Framework using .Net, C# and NUnit.
* Involved in extensive DATA validation using SQL queries and back-end testing.
* Executed Test Cases and Gathered Test Execution results.
* Tested the Functionality of the application through manual Testing.
* Developed Test Scenarios and Test Procedures based on the test requirements.
* Created Test Cases manually for Functional testing based on the Functional areas and Use Case documents.
* Expertise with messaging models publish-subscribe using very frameworks like JMS, KAFKA.
* Developed Spark-Streaming applications to consume the data from Kafka topics and to insert the processed streams to HBase.
* Built reports for monitoring data loads into GCP and drive reliability at the site level.
* Worked in Agile environment, Reviewed User Stories, Use case diagrams.
* Worked on the high-level framework, identifying the functional areas and created different functions to make the scripts reusable in Quick Test Professional.
* Experienced in managing the MongoDB environment, focusing on availability, performance, and scalability perspectives.
* Tested different reports, graphs and pivot reports in Micro strategy dashboards.
* Performed Front End and Functionality Testing using QTP
* Performed Sanity, Smoke, Functional, Security, Configuration and User Acceptance testing manually.
* Tested the Application in different Web Browsers and on Multiple Platforms-UNIX, Linux and Windows.
* Conducted Regression testing, Integration testing and User acceptance testing for various combinations using Manual and automated tools.

**Environment:** Xml, Java, PL SQL, ERWIN, Browser Stack, Quality Center, UNIX, Nunit, graphs, case diagrams, Shell Scripts, Oracle, Sql Server, Power Center, DATA validation, ETL, Oracle, Teradata, manual Testing.

**QA Analyst | Indmax Technologies India | Mar 2012 to Dec 2013**

**Responsibilities:**

* Well versed with Web analytics tools, Adobe Analytics, Tealeaf & Google Analytics.
* Tested and debugged SAS programs against the test data.
* Analyzed Trading mechanism for real-time transactions and build collateral management tools.
* Worked closely with Adobe target team for A/B testing and personalization.
* Unearthed raw data by doing Exploratory Data Analysis (Classification, splitting, cross-validation, Regression).
* Processed the data in SAS for the given requirement using SAS programming concepts.
* Collaborate with team members and stakeholders in design and development of data environment.
* Focus on integration overlap and Informatica newer commitment to MDM with the acquisition of Identity Systems.
* Used Spark API over Cloud era Hadoop YARN to perform analytics on data in Hive.
* Wrote Hive queries for data analysis to meet the business requirements.
* Developed Kafka producer and consumers for message handling.
* Used common data science toolkits, such as R, Python, NumPy, Keras, Theano, Tensor Flow, and etc.
* Data transformation from various resources, data organization, features extraction from raw and stored data.
* SPOC Data Scientist and predictive analyst to create annual and quarterly Business forecast reports.
* Extracted data from HDFS and prepared data for exploratory analysis using data munging.
* Determined data structures and their relations in supporting business objectives and provided useful data in reports.
* Identifying, gathering, and analyzing complex, multi-dimensional datasets utilizing a variety of tools.
* Utilized tools such as Python, Tableau, R, SAS, etc. to perform complex data analysis.
* Providing AD hoc analysis and reports to Executive level management team.
* Data Manipulation and Aggregation from different source using Nexus, Toad, Business Objects, Power BI and Smart View.
* Worked on loading the Data from flat files, csv files and excel sheets in to SQL server tables.
* Developed subject segmentation algorithm using R.

**Environment:** R, Python, UNIX Scripting, SAS, Cassandra, Java, Hadoop, Map Reduce, HDFS, Pig, Sqoop, Hive, Oracle, Eclipse, Machine learning, AWS, MS Azure, Cassandra, SAS, Spark, HDFS, Hive, Pig, Linux, Anaconda Python, MySQL, Eclipse, PL/SQL, SQL connector, Spark ML.