**CHUKWUEmeka Okagu**

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**SUMMARY**

I am QA Analyst with **Eleven** years of experience within the **Government, Finance, Technology, and Health industries**.

Background includes:

* Specialize in formulating test coverage documents, test strategies, test plans and test scenarios based on the business requirement and functional specification documents for functional, network, security, load, performance, and usability testing.
* Practical knowledge and experience in all phases of Quality Assurance and Release Management processes & systems.
* Strong Knowledge of Comparability and cross browser Testing.
* **Verified the End table and target table of the DataMart system**
* **Created new databases, involving importing and exporting installing and configured database software**.
* **Extensively used testing tools including HP Quality Center, TestDirector, Quick Test Pro, Selenium and IBM Rational suite (Requisite Pro, Rose, MongoDB, and webservices.**
* Used SQL queries to gather and analyze data
* **Extensively used SQL for accessing and manipulating database systems**
* Good experience in user acceptance testing.
* Excellent business analysis skills specific to requirement gathering and conducting JAD sessions
* Good experienced in working with onshore and offshore QA resources.

**TECHNOLOGY SKILLS**

Databases: MS Access, **SQL Server** and Oracle, MongoDB

Operating Systems: Windows XP/NT/98/95/2000/Vista, **UNIX**, LINUX, C/C++, **Python, webservices, SOAPUI**

Analysis & Testing Tools: **Quality Center ALM**, SharePoint, QTP, **Rational Quality Manager**, **JIRA, Selenium**

Business/ Data Modeling Tools: Rational Rose, Rational Requisite Pro, Microsoft Visio, MS Project

Methodologies: Waterfall, **Agile** and Rational Unified Process (RUP)

Defect Tracking: Bug@theBank, HP QualityCenter and Team Foundation Server

**CERTIFICATIONS**

ASTQB Certified Tester

ISTQB Agile Tester

**EDUCATION**

**Howard University**, Washington DC

**B.B.A**. in Finance

**CLEARANCE**

**Public Trust- Active**

**EXPERIENCE**

**Department of Veteran Affairs**, Arlington, VA **April 2018- January 2021**

**QA Engineer Lead**

VOCATIONAL REHABILITATION & EMPLOYMENT (VR&E)**:** Help build a CRM application that allows a better experience between employees and customers (veterans)

Health Eligibility Center**:** Help build an application that would integrate with other application to make work more efficient

 Telephone Operator**:** Tested an application that the Veteran Customer service use to record information and interactions with Veterans

CBOPC**:** This was a Unified Service Client the Customer service used to search for veterans benefit and claims

Roles and Responsibilities

* Created test scripts, designed, and executed test cases, and logged defects using Rational Quality Manager (v. 9.2) and Excel.
* Involved in preparing Test plan, writing the test cases and defect tracking using **X-RAY** plug-in in JIRA
* **Involved in performing various kinds of testing like Regression, UAT, Functional and E2E testing**
* **Developing and performing 508 compliance test plans and test cases**
* Resolved problems in cloud applications by proper identification as per client requirements.
* **Wrote tested cases in JIRA, ALM, Rational Quality Manager that was used to test CRM Application**
* Analyzed massive and highly complex CMS systems, performing ad-hoc Business analysis and system documentation
* **In-depth knowledge of HP Quality Center, 508 Compliance Tools, and 508 testing procedures**
* **Excellent knowledge of system integration testing, software testing methods, and 508 policy and best practices**
* **Executed QA services for enhancing efficiency of technologies and related updates for Cloud Storage applications.**
* Created Quality Assurance timelines, milestone documents, assignment sheets and status report
* **Strong Experience in Automating Web Application Testing using TDD Selenium WebDriver with Test Driven Development framework**
* **Experience in testing in the Agile environment**
* Used **Quest SQL Toad – Data Analysis** to retrieve the data from database using **SQL queries fundamentals**
* **Attended backlog grooming sessions with the stakeholders in order to convert ideas into test cases**
* Executing Selenium Test Cases and Reporting defects.
* Formulated and executed **smoke, regression, white box, black box,** **integration, Testing, system, web, security testing**

Environment: **Microsoft CRM, Selenium, ALM, Rational Quality Manager, Excel, SQL, X-RAY, JIRA**

**Department of Food and Drug Administration,** MD  **October 2017 – March 2018**

**Quality Assurance Lead**

The web-based system called Global Client Access System was developed to help clients get information about purchased customers and analyze data.

Responsibilities

* Experienced with **SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL**technologies.
* **Expertise in implementation of Automation framework using Selenium and BDD**
* Responsible for driving **E2E** Test scenarios efforts and in identifying test data for **Testing**
* Interacted with business and technical analysts in **JAD sessions** to gather and formalize requirements.
* Created Test cases Using Element locators and **Selenium** Web driver methods.
* **Develop complex reports using SQL to examine compensation totaling $4.9 million for over 100 employees**
* Collaborated with Business Team and Subject Matter Experts in developing test estimation, scope and test plan for **Testing**
* Created test scripts, designed, and executed test cases, and logged defects **using HP Quality Center** (v. 9.2) and Excel.
* Identifying **Testing** testers and managing resource plan by coordinating with business stakeholders
* **Wrote simple to complex SQL syntax in order to verify the target to the source table**

Environment: LoadRunner, SoapUI, Oracle 8i, 10g, JAVA, Rally and JavaScript, XML, **JIRA**, VBScript, Katalon, Quality Center

**Federal Reserve Bank, New York, NY March 2016– September 2017**

**Quality Assurance**

Responsibilities

* Formulated and executed **test** **scenarios** for **functional and integration and web service testing**.
* **Created Test cases, Test plan, Traceability matrix from Business and Systems requirement documents**
* Utilized data reconciliation techniques to compare data from other external systems.
* Performed cross functional testing for multiple web browser services
* **Performed webservice testing in an Agile environments**
* Created test coverage reports and test strategy documents based on functional and **business requirement.**
* **Hands on experience in Front end GUI, End to End and Back-End testing**
* Designed and executed queries in SQL and Progress to validate front-end results with back-end processes
* **Managed and tested Oracle and NoSQL databases in development domain.**
* Conducted weekly status meetings to discuss project deliverables and defect reports.
* **Involved in System Testing, Regression Testing and User Acceptance Testing**.
* Created test strategies and test plans based on functional and business requirement documents.

Environment: Toad, Oracle 8i, UNIX and JavaScript, XML, HTML, VBScript, QTP, **JIRA**, Quality Center

**PriceWaterhouseCoopers, New York, NY June 2015 - March 2016**

**QA Consultant**

Responsibilities:

* Assisted engagement management team with developing the scope of advisory work.
* Worked with market team leaders to schedule resources based on client and firm needs.
* **Supervised and coached team members during all phases of advisory engagements**.
* Conducted client interviews and risk assessments to increase understanding of audited areas.
* Supported client management through **risk identification**, control testing and process improvement procedures.
* Performed internal control and substantive testing.
* **Focused attention on high risk advisory areas.**
* Reported issues with potential solutions to engagement team management in a timely and efficient manner.
* Lead frequent status update meetings with client management team.
* Provided high quality secondary review of advisory whitepapers

**Bank of Tokyo, Jersey City, NJ September 2014 – March 2015**

**Quality Assurance Lead**

Worked on applications like

 **IBM CRM**: This was a CRM that was used for planning and forecasting by the bank

 **OFAC CRM**: This was a risk case management CRM application that bank used in processing fraudulent transactions

 **Charles Rivers**: The was an order management system that was used to take and manage orders in the system

 **Market Data Hub**: The application/database was used in storing data at the backend for front end applications

Responsibilities

* **Involved in SWIFT and Bank Application administration and maintenance**
* Test objectives to be covered in **SDLC** (**AGILE**) sprints in different codes propagation environments
* Executed End to End Testing on Front end and Back end applications
* **Managed Test Cases, Test plans and Traceability Matrix in HP ALM, JIRA and Microsoft TFS**
* Performed test Management process using **HP ALM and JIRA**
* Involved in establishing automatedHadoop Integration testing system and implementing workflow
* Used **Q**uest SQL Toad – Data Analysis to retrieve the data from database using **SQL queries fundamentals**
* **Experience on International banking system and transaction with SWIFT codes and messaging system**
* Involved in configuration management and performed **web services** testing
* Extensively used SQL for accessing and manipulating database systems
* **Created and Managed Defects in Defects lifecycle using ALM and JIRA**
* **Experience on international trades and transaction using SWIFT codes for equity and capital market**
* Formulated and executed **smoke, regression, white box, UAT, black box,** **integration, Testing, system, web, security testing**

Environment: **Microsoft CRM, .NET, TFS, ALM, JIRA, Microsoft Test Manager, Excel, Visual Studio, SQL**

**Barclays, New York, NY January 2014 – September 2014**

**Quality Assurance Lead**

Barclays was migrating their trading application to Pershing and I was responsible for testing the application. Applications that had to be tested before migration includes **Equities, FX spot, FX forward, Mutual Funds, Fixed Income, Derivatives, Syndicate and Institutional**

**Fixed Income applications include: Bloomberg TOMS, NETX360, Bloomberg FIT, Bloomberg ALLQ, Bloomberg BOOM and VCON**

**Derivatives applications includes: ION, NETX360, BAM, MFNL, Enterprise Rules Engine and TPS**

Responsibilities

* Tested Financial securities **like Mutual funds, Equities, Fixed Income, Derivatives, Options and Futures**
* **SQL Server and Informix to Oracle migration for a suite of enterprise applications.**
* **Defining, designing, developing & optimizing ETL processes for enterprise data warehouse, 24×7 supports (including Oracle multi-master & trigger based replication).**
* Expert level stored procedures development **in Oracle, SQL Server, TOAD, Teradata & DB2 environments**.
* **Expert level UNIX shell script development for automating ETL processes, data loads, instance data migration & database or file system backup and restores**
* **Expertise in implementation of Automation framework using Selenium and BDD**
* Responsible for driving **E2E** Test scenarios efforts and in identifying test data for **Testing**
* Interacted with business and technical analysts in **JAD sessions** to gather and formalize requirements.

Environment: **C++**, **Python**, **TDM**, UNIX, **Charles rivers**, NestX360 SharePoint and JavaScript, XML, Bloomberg, QTP, Quality Center

**Wells Fargo, Des Moines, IA August 2013- January 2014**

**Quality Assurance Analyst**

The web-based system called Global Client Access System was developed to help clients get information about securities **(Stocks, Bonds, Option/Future derivatives, Swaps)** purchased and analyze data. Also created and tested a **Mortgage** Loan application called **SLOAD**that was used to process and manage loans for Fannie Mae customers.

Responsibilities:

* **Performed manually test for web applications like trading, mutual fund, option ,bond and Mortgage Loans.**
* Logical and physical database design, modeling & implementation of enterprise. Customer and household profitability data warehouse.
* Expert level stored procedures development in Oracle, SQL Server, TOAD, Teradata & DB2 environments.
* Managed medium and large QA teams for various projects and participated in all project management tasks including delegating responsibilities within the team, creating time-lines, tracking daily progress and ensuring that deadlines were met.
* **Worked on various Quantitative and High Frequency Trading Strategies and their optimizations**
* Tested the **Mortgage** Loan application on different wireless platform to ensure the application was
* Created help manuals and ‘how to’ documents for different functionalities and QA procedures.
* Mentored and conducted knowledge transfer sessions with offshore QA teams from India & Ireland.

Environment: LoadRunner, TestDirector, UNIX, Oracle 8i, 10g, JAVA, Rational ClearCase and JavaScript, XML, HTML, VBScript, QTP, Quality Center

**TD Ameritrade, Jersey City, NJ July 2012 –November 2012**

**Quality Assurance Analyst**

An application was developed as a product to capture, analyze, calculate and report risks for all asset classes traded by the client bank. The asset classes included **Equities, Equity derivatives, Bonds, Commodities/metals, ABS, MBS, Derivatives**. The application uses market data to value the trade. With the risk methodology, it can generate paths, exposures and stress scenarios so that trade can be valued against various scenarios and benchmarks. It also allows traders to perform what-if analysis, stress test and computed the VAR under different confidence levels. The product also allows for adding different asset classes at different stages. The system also allowed timely report generation based on the format and the key fields specified by the SME’s.

* Responsible for managing tasks and responsibilities within the team while working on various initiatives simultaneously with different implementation dates.
* **Created UAT turn-over documents and provided support to business users**.
* Provided QA estimates during initial project phases and managed QA resources.
* Responsible for managing defects on a release basis to ensure that all issues were resolved before implementation.
* Coordinated and performed UAT testing for multiple projects.

Environment: LoadRunner, TestDirector, Oracle 8i, Rational ClearCase and JavaScript, XML, HTML, VBScript, QTP, Quality Center

**Premera Blue Cross, Lynnwood, WA June 2010- December2011**

**Quality Assurance Analyst**

**Roles and Responsibilities**

* Responsible for working on **Medical** **Claims Processing, Electronic Filing, Medical Insurance**
* Created test coverage reports and test strategy documents based on functional and business requirements.
* Profiled converted data using MS Access and performed data integrity verifications.
* Set up weekly meetings to discuss and present project status and issue reports.
* Monitored and tested system data quality and presented analytical reports to identify quality gaps.
* Documented, reported and managed application defects using HP Quality Center.
* Conducted Testing turnover meetings and provided constant support to business users and
* the business.
* Trained other team members to use different testing tools.
* Created standardized QA procedure manuals for different applications and functional areas.

**Environment**: HP QualityCenter, UNIX, Oracle 8i, JAVA, ClearCase, XML, HTML, VBScript, QTP