

# Michael Eniolade

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Highly analytical and process-oriented software engineer/data analyst/business analyst & QA Engineer with in-depth knowledge of database types; research methodologies; & big data capture, curation, manipulation, & visualization coupled with the ability to conduct meaningful research with a high degree of independence.

## QUALIFICATIONS & SKILLS

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- Adept at developing plans, establishing meaningful metrics, and implementing strong quality management, resulting in fulfillment of organization and project requirements and specifications.
- Skills & Years' Experience: Python (3), JavaScript (2), Java (4), SQL (7), r-language (3), T-SQL (3), C# (3), Cordova Apache (1), Flask (2), Pouch DB (2), Oracle (5), MSSQL (6), PostgreSQL (2), Git (2), Agile (2), Angular (1), Informatica (3), SSIS (3), Tableau (3), Waterfall (3), SharePoint (3), SOAP UI (3), HTML/CSS (8), SOAP (6)

## EDUCATION & CERTIFICATIONS

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- Ph.D. in Information Technology, University of the Cumberlands, Williamsburg, Kentucky, grad expected: 2026.
- Received EMBA scholarship, Valar Institute of Quantic School of Business and Tech, attending in 2024.
- MSc in Computing, Data Analytics, McDaniel College, current GPA: 3.888, grad expected: 12/2023
- MSc in Computing, Info Sys, CA Miramar University, GPA: 3.81 (Magna cum laude), grad: 10/2018
- Oracle SQL, Oracle OCA, Oracle Autonomous DB Specialist, Oracle Cloud Infra Architect, ACL (Audit Command Language), Mobile App Development, IBM Quantum Consultation, IBM Certificate of Quantum Excellence, & AWS certifications

## WORK EXPERIENCE

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### Pyramid Systems Inc - Fairfax Virginia | Data Engineer Intern |

June 2023 – August 2023

Led the development of a proof of concept for an advanced chatbot using Python, aiming to improve efficiency, accuracy, and user satisfaction. The goal was to gain a competitive edge and explore strategic opportunities.

- Implemented Agile methodology, enhancing collaboration and adaptability through Scrum meetings.
- Led the automation of AI/ML pipelines, leveraging Data Engineering expertise to streamline data ingestion, preparation, and consumption hooks, while optimizing model development processes.
- Played a vital role as a team member in crafting a compelling live demo/POC (Proof of Concept), effectively demonstrating the project's capabilities.
- Developed innovative solutions to address the monotonous and time-consuming nature of Pyramid System's RFI/pre-RFP reviewing process, improving efficiency and effectiveness.

### UHG - Eden Prairie MN | Quality Engineer |

Feb 2022 – Sep 2022

Managed data analytics & quality assurance for business solutions focusing on government, and healthcare, extensively worked on Medicare/Medicaid eligibility system.

- Integrated West Virginia social services' beneficiary data into a single, accessible system by identifying & logging about 15% to 20% of the total defect during the system integration test. Led defect reporting & tracking ALM to improve the reliability and resilience of the system for millions of beneficiaries.

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- Collaborated with several onsite & offshore cross-functional teams to elicit, analyze, & validate requirements & create business processes while using HP ALM, UFT, & ALM to run tests. Used rally for agile software development, including test cycles, test cases, user stories, test plans, & test results.

## **Deloitte LLP - Portland, Oregon | Functional Analyst |**

**June 2020 – Feb 2022**

Served as data analyst & functional consultant focused on data upgrades, data migration, sprint execution, functional tests, data validation, reporting, technical support & disaster recovery.

- Participating in upgrading/migrating data from the current MAGI ONE system to the Integrated Eligibility system using T-SQL and complex queries which helped increased the reliability of the system by 50% when benchmarked against business key performance indicators.
- Engaged in JAD sessions, and sprints and created state tables from state diagrams as well as technical diagram analysis and design. Also performed about 25% of the total data fixes for test cases defects undergoing data validation and verification
- Collaborated with other system designers to develop a comprehensive help document for the MAGI Upgrade system by writing complex SQL queries and Excel worksheet analysis of database schema objects. Also achieved end-to-end validation of verification of IE data dictionary accounting for a 12% increase in system reliability.

## **DHS/OHA - Salem, Oregon | Senior Consultant Data Analyst/UAT Tester |**

**June 2019 – June 2020**

Served as quality and data analyst on data upgrades, data migration, sprint execution, functional tests, data validation, data verification, reporting, technical support & data mining.

- Created the company's first comprehensive database of documented test defects and procedures to enable accurate replication and ensure compliance with standards. Accelerated average QA testing turn-around time by 25% or more, allowing the company to accept more testing projects without increasing staff.
- Create, design, and format requirement specification documentation including process flows, and other information or processes needed to describe required system changes for development and QA for downstream customers.
- Conduct data mining, data modeling, statistical analysis, business intelligence gathering, trending, and benchmarking. Data analytics supports decisions for high-priority, enterprise initiatives involving IT/product development, customer service improvement, organizational realignment, and process reengineering.

## **Edmin Inc - San Diego, CA | Data Analyst/QA Analyst |**

**July 2018 – Oct 2018**

Served as data analyst and process improvement specialist and participated in data migration, functional test, sprint execution, business intelligence, and technical support.

- Developed and automated a data analysis process using VB Script that led to a faster, safer, and more accurate business system and the downstream effect of an increase in customer satisfaction.
- Managed weekly meetings with the QA team to obtain status, gather innovative ideas for continuous process improvements, and delegate workload. This led to increased customer satisfaction by almost 12% when benchmarked against necessary business KPIs.

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**Speedway Yearbooks - Austin, Texas | Senior Data Analyst/QA Analyst |**

**Apr 2017 - Jul 2018**

Managed and maintained existing system, also involved in process improvement, data analysis, and quality assurance of existing system.

- Maintained, reviewed, imported, exported, cleaned, and created sales and financial relational databases. Developed data requirements to support business finance needs with I/T to define changes alongside automation that increased productivity and ROI by 10%.

**Rhytex Consulting - Lagos, Nigeria | Revenue Assurance Analyst |**

**Jan 2016 - Feb 2017**

Data analyst, product developer, and revenue analyst involved in developing data products for manufacturing, finance, energy, and telecom industries for the purpose of increasing business ROI and auditing IT systems and processes.

- Used ACL (Audit Command Language) and SQL to develop end-to-end automated data products to facilitate strategic alignment between business processes and information technology within the enterprise in different industries that led to business growth and customer satisfaction.
- Participated in cross-product development projects, offering technical input, testing strategy ideas, functional analysis, and proof of concepts that generated revenue for the business.

**Etisalat - Lagos, Nigeria | Revenue Assurance Analyst |**

**Sep 2014 – Dec 2015**

Performed data and revenue analysis on different product offerings and did trend/pattern analysis on CDR (Call Detailed Records) on customer accounts and developed a rating matrix to identify and validate against business requirement documents.

- Carried out the return-on-investment analysis per product offering to determine profit or loss in the business.
- Carried out trend analysis per product offering to know which product is generating revenue that meets the business objective and which one is not.
- Carried out analysis using SQL on customer accounts data to identify low patronage and introduce customer loyalty programs to enhance customer satisfaction and reduce customer churn.

## Extracurricular Activities and Projects

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**Comic Book Database - <https://bit.ly/3W72Yn6> | Open Source | Amazon Deployed App: <https://amzn.to/2lpHQUW>**

- Used deep knowledge in CSS, HTML, JavaScript, jQuery, and jQuery Mobile to accelerate the development of the front-end side of the application.
- Used NoSQL Database Pouch DB which is a JavaScript Database for the development of the backend side of the application.
- Used Apache Cordova framework on Visual Studio 2017 for the Mobile Application Development
- Used Photoshop for the development of icon graphics.
- Deployed the app for Android devices and published it on Amazon App

**Blog Website – Client: <https://bit.ly/3FgpvHy> | Admin Dashboard: <https://bit.ly/3PSKN2l> | Open Source**

- Used deep knowledge in Angular, CSS, HTML, JavaScript, and jQuery to accelerate the development of the front-end side of the application.
- Used Fire-store, for efficient data storage and retrieval on the backend.

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- Designed and implemented RESTful APIs for communication between the front-end and back-end components of the application.
- Leveraged Firebase Cloud Storage for efficient and scalable storage of user-generated content, such as images and files.
- Deployed the application on Firebase Hosting, ensuring high availability and scalability.

## **PwC US Technology Consulting Job Simulation on Forage - December 2023**

- Completed a job simulation involving tasks that replicate work as a Technology Consultant at PwC
- Created an interview guide for the client discovery workshop.
- Developed user stories for key business requirements based on provided business problem statements.
- Built a Minimum Viable Product (MVP) roadmap for upgrading the current compliance system.
- Created an executive summary slide for the final presentation to the client.

## **Hewlett Packard Enterprise Software Engineering Job Simulation on Forage - December 2023**

- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application in Java Spring Boot that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my Java Spring Boot application's performance.