Joshua O. Idubor

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SUMMARY

A detail-oriented, skilled Data analyst and Web Developer

EDUCATION

▪ **Master of Science: Computer Science**	**May 2023**

Western Illinois University, Macomb, Illinois, USA

▪ **Bachelor of Science: Statistics**	**Nov. 2015**

University of Benin, Benin-City, Edo, Nigeria

TECHNICAL SKILLS

- **Operating Systems**: Windows, Unix/Linux.
- **Languages**: JavaScript, jQuery, JSON, XML, HTML/HTML5, CSS/CSS3, Bootstrap, WordPress, SQL/T-SQL, PL/SQL, C#, C++, Python, Java
- **Applications/Framework:** Microsoft Visual Studio (SSDT), SQL Server Management Studio, SSIS, SSRS, SSAS, Oracle, Microsoft Access, Power BI, MySQL, PostgreSQL, Git, GitHub, Microsoft Office: Word, PowerPoint, Excel, and Publisher

EMPLOYMENT HISTORY

Sodexo, (Western Illinois University, Macomb, Illinois)   **Aug. 2021 – Present**

Data Analyst / Web Developer

- Worked on Mortgage Project for a client Revolution Mortgage Group, consolidating data from multiple source systems to a central staging database.
- Extensively used DDL, DML, TCL statements for defining, accessing, and manipulating transactional systems.
- Designing custom data processing and statistical techniques.
- Used C# script to extract file names from paths during ETL processes for reading multiple, flat or excel files in SSIS.
- Designing and developing and implementing new functionality in ETL processes.
- Using look-up in SSIS functionality for end-to-end accountability for the processing, cleansing, and verifying the integrity of data used for analysis.
- Create paginated reports with drill-down, drill-through and cascaded parameters for analyzing filtered performance.
- Processing trends for reviewing sales records to determine which items are profitable and which need a different market strategy to increase its profitability.
- Researching and designing data-driven visualization to create models and assets that inform Sodexo on actions and opportunities that emerge through data analysis and interpretation.
- Developing optimization methods through simulation, scenario analysis and applying these to get the best result and conforming to best practice.
- Developed user interfaces with JavaScript frameworks, HTML5 and CSS3, which improved user satisfaction by 31%.
- Created accessible, responsive, and functional user interfaces to allow visitors on any device to have the same perfect user experience.
- Created the user experience that fetched, parsed, and formatted analytic data, and relayed it into React components.
- Developed front-end code using HTML, CSS, JavaScript, JQuery to create a responsive web application that works across 29 devices, including desktops and tablets.

- Optimized 29 web pages for speed and performance by eliminating unnecessary scripts/styles and increasing load time by 69%.

Sodexo, (Western Illinois University, Macomb, Illinois)   **Jun. 2021 – August 2021**
Data Analyst / Web Developer (Intern)
- Maintained large databases and used various professional statistical techniques to collect, analyze, and interpret data from business partners.
- Identified and reported any data issues, conducted detailed weekly reports, and pro-actively participated in team meetings with managers.
- Worked on development and implementation of new quantitative models in order to stabilize the business and maximize efficiency.
- Created data visualization to convey complicated data sets to 230 non-technical employees and 1.3K consumers
- Utilized data mining, OLAP, and statistical analysis software to determine 35 market trends.
- Learned multiple threading, concurrency, design patterns, and their impacts on application concurrency.
- Produced and managed web content for new Products and or projects.
- Customized a WordPress theme with HTML, CSS modifications.
- Produced HTML, CSS, Javascript, ASP for responsive web design compliance with company standards and protocols.
- Assist in testing web experiences across browsers and devices to ensure a positive user experience.

Nestle, Lagos, Nigeria   **Jan.2019 – Dec 2020**
Internal Data Analyst / Web Developer
- Built ETL process that ingested transactional and event data from a web app DMS 1 with over 10,000 daily active users that saved over $85k annually in external vendor costs.
- Worked across marketing and product business units to build out the reporting infrastructure in SSRS from ground up.
- Created interactive cohort analysis reports in SSRS for the product team with parameters that helped improve monthly retention by 17% for a specific target.
- Automated processing of billions of rows of data from Excel files and Flat files using SSIS to improve real-time reporting of product metrics, saving the company $273k yearly in reduced downtime.
- Used Stored procedures, triggers, and views to provide structured data to business units by combining millions of rows of data from 19 disparate data sources.
- Develop processes, implement effective workflow and embrace best practices.
- Develop and continue to refine CRM change management standards and tools.
- Build CRM forms, screens, and views as well as workflows and reports for the user interface.
- Working closely with other development teams, QA teams, and project management teams and contributing to the overall success of the project
- Develop custom workflows, and integrating custom web pages into CRM
- Hands on knowledge of implementing and maintaining access controls in CRM based on roles and access conditions
- Good knowledge of Web Development skills like HTML, XML, CSS, JavaScript, and Visual Studio 2017
- Experience in converting client requirements and functional specifications to technical design with effort estimation and doing development for the same.
- Formed hypotheses, and tested ideas to determine viability of operation outcomes.

FerraTech Limited, Lagos, Nigeria   **April. 2017 – Nov.2018**

Data Analyst

- Generated Reports using SSRS and PowerBI.
- Used C# script to extract file names from file paths during a ETL process of reading multiple excel files
- Design and develop T-SQL Script, SSIS/ETL Packages to implement data integration and business workflows.
- Design and developed visualization using SQL Server Reporting Services (2012)
- Actively involved in customer meetings to understand business needs and functionality of the project.
- ETL of data from flat file source to SQL Server by implementing data cleaning, T-SQL scripting and SSIS data pipeline creation.
- Optimized queries involving report generation for other department in connection and created stored procedures, triggers and views for efficient data management and retrieval using MSSQL Server 2012.
- BI solution architecture and development, involving data integration, cleaning, data modeling, DWBI development.
- ETL creation to integrate, filter and transform data set from multiple source systems.
- End-to-End solution delivery from requirement gathering, Extraction, Transformation and Loading (ETL), BI platform creation and data visualization and reporting using PowerBI and SSRS.
- Implemented applicable joins, clustered and non-clustered indexes for better query execution plans
- Worked on transactional queries using isolation levels to prevent dirty read, non-repeatable reads, phantom reads, deadlocks, try-catch blocks and error notifications.
- Created paginated reports with drill-down, drill-through and cascaded parameters for analyzing the past performance in specific business regions.
- Created file groups, stored procedures, table valued functions, triggers and views using base tables with indexes, constraints, joins, grouping sets, window functions, set and pivot operators.
- Extensively used DDL, DML & TCL statements for defining, accessing, and manipulating transactional systems.