Joshua Idubor

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PROFILE

A detail-oriented Developer who is focused on Application Design, Data Quality and Analysis with a demonstrated history of working in the IT industry.

EDUCATION

Master of Science in Computer and Information Sciences   **2023**
Western Illinois University, Macomb, IL

Bachelor of Science in Statistics   **2015**
University of Benin, Edo, Nigeria

TECHNICAL SKILLS

Programming Languages: JavaScript, React, Java, JQuery, HTML5, Bootstrap and CSS3, C#, and Python
Applications/Framework: Microsoft Visual Studio (SSDT), Oracle, Microsoft SQL Server Management Studio, SSRS, SSIS, SSAS, Power BI, MySQL, Windows, UNIX, Microsoft Access, Azure, Sublime, and Microsoft Office: Excel, Word, PowerPoint, and Corel Draw.
SQL Server BI Developer: TSQL, PL/SQL.

WORK EXPERIENCE

Software/Web Developer
Cognier Inc, Georgia.

- Modified existing departmental website to correct errors and improve its performance.
- Integrated content management system (Drupal) into the departmental website.
- Responsible for the layout, visual appearance, and usability of the website.
- Engaged stakeholders, including management, departments, and clients, to meticulously identify and understand end user requirements and detailed specifications.
- Developed algorithms and designed comprehensive flowcharts to facilitate the development of innovative software programs and systems.
- Conducted comprehensive testing procedures and ensured the seamless deployment of developed programs and applications.
- Proactively debugged, and consistently maintained and enhanced the functionality of existing software.
- Evaluated user feedback to iteratively enhance the overall performance of software applications.
- Analyzed user input and thoughtfully proposed strategic improvements for existing software products.
- Detailed technical documentation aimed at providing comprehensive guidance for upcoming software development endeavors.
- Testing the website for functionality in different browsers and at different resolutions.
- Ensuring that the web site is accessible to all groups including those with disabilities.
- Analyze new software requirements to determine feasibility of design within time and cost constraints.
- Consult with team leader about software system design and maintenance.
- Coordinate software system installation and monitor its functioning to ensure specifications are met.

- Developed and directed software system testing and validation procedures, programming, and documentation.
- Analyze information to determine, recommend, and plan computer specifications and layouts, and peripheral equipment modifications.
- Worked in Agile process and followed V model for project development.
- Produced and managed web content for new Products and or projects.
- Customized a WordPress theme with HTML, CSS modifications.
- Wrote HTML, CSS, Javascript, Bootstrap and React for responsive web design compliance with company standards and protocols.

Technical Service Assistant
June 2021 – July 2023
Western Illinois University, Illinois

- Worked on Mortgage Project for a client Revolution Mortgage Group, consolidating data from multiple source systems to a central staging database.
- Generated Reports using SSRS.
- Used C# script to extract file names from file paths during an ETL process of reading multiple excel files.
- Design and develop TSQL 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, TSQL 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 SSRS and PowerBI.
- Implemented applicable joins, clustered and non-clustered indexes for better query execution plans.
- Worked on transactional queries using isolation levels to prevent dirty read, nonrepeatable reads, phantom reads, deadlocks, try catch blocks and error notifications.
- Created paginated reports with drilldown, 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 and TCL statements for defining, accessing, and manipulating transactional systems.
- Develop processes, implement effective workflow, and embrace best practices.
- Build Microsoft Dynamic CRM forms, screen, and views as well as workflows and reports for user Interface.
- Customized Account Entity fields and related the Account Entity with other Custom Entities.
- Prepopulate last created record data into new record form using JavaScript, XML object thus saving time for user to enter repeated data.
- Designed MySQL database schema consisting of 72 tables.
- Used Cascading Style Sheet (CSS) to attain uniformity throughout all web projects.
- Created different users, roles, document libraries, form libraries, team sites for projects, issue list on SharePoint Server 2003.
- Involved in creating Tables, Stored procedures using Cursors, Joins in SQL Server 2005.
- Involved in Unit Testing and Integrated Testing.

- Maintained large databases and used various professional statistical techniques to collect, analyze, and interpret data for Weekly meeting Recommendation.
- Identified and reported any Data issues, conducted detailed weekly reports, and proactively participated in team meetings with managers.
- Worked on development and implementation of new quantitative models to stabilize and maximize business efficiency.
- Created data visualization to convey complicated data sets to 7300 non-technical employees and 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.

Database Administrator,
FerraTech Limited, Lagos   April 2016 – November 2020

- Designed and developed TSQL Scripts, configured SSIS packages for sales values to implement ETL processes. This automates and integrates my data from flat file sources, excel files and other data platforms to a staging table.
- Used C# script to extract file names from paths during ETL processes for reading multiple excel files.
- Analyzed raw data for Sales figures on a staging table for data cleansing and developed visualization using both SQL Server Reporting Services (SSRS 2012) and SQL Server Management Studio (SSMS 2012).
- Designing, developing and implementing new functionality in ETL process.
- Monitoring the automated loading processes.
- Designed stored procedure in SSMS for data processing and statistical techniques in SSIS. This implementation was for drawing recommendations in order to make quick effective executive decisions.
- Improved configuration and plan computer specifications to determine platforms necessary for presenting data.

WEBSITE

- Github: github.com/joshuaIdubor