

# JOSHUA IDUBOR

## Software Developer

📞 +1-309-513-1824

@ [joshua.idubor414@gmail.com](mailto:joshua.idubor414@gmail.com)

🔗 <https://github.com/joshuaaidubor>

🌐 <https://www.linkedin.com/in/joshua-idubor> 📍 Bridgeport, CT

## SUMMARY

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

## EDUCATION

### M.S. in Computer Science

Western Illinois University

📅 2021 - 2023 📍 Macomb, IL

### Bachelors in Statistics

University of Benin

📅 2011 - 2015 📍 Edo, Nigeria

## EXPERIENCE

### Software Developer

Cognier Inc

📅 2023 - Present 📍 Buford, GA

- Modified existing departmental website to correct errors and improve its performance.
- Integrated content management system (Drupal) into departmental 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 Web Application and systems.
- Developed indexed database architecture using SQL procedures and triggers for 10 different applications
- Worked with Javascript to develop automated solutions to include web interfaces using HTML, CSS, JavaScript and Web services
- Conducted comprehensive testing procedures and ensured the seamless deployment of developed programs and applications.
- Produced and managed web content for new Products and or projects.
- 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.
- Developed a detailed Technical documentation, Data Structures and Control Flow chart aimed at providing comprehensive guidance for upcoming Web development endeavors.
- Wrote HTML, CSS, Javascript, Bootstrap and React for responsive web design compliance with company standards and protocols.
- Worked in Agile process and followed V model for project development.
- Evaluated user feedback to iteratively enhance the overall performance of components on web applications.
- Ensuring that the web site is accessible to all groups including those with disabilities.

## SKILLS

### Client-Side

HTML

CSS

JS

React

TypeScript

Redux

Angular

Vue

Bootstrap

Backbone

NPM Scripts

### Server-side

NodeJS

Express

MongoDB

MS SQL

MySQL

AWS

Python

NumPy

SciPy

Scikit-learn

Keras

Eli5

TensorFlow

Redis

Spark

HTTP/2

Postgre

### Development & Operations

JUnit

NUnit

PyUnit

TestCafe

Mocha

Jest

Scrum

Agile

GIT

Azure DevOps

## PROJECTS

### Git Hub Projects

📅 06/2021 - Present

🔗 <https://joshuaaidubor.github.io/>

These are the following Projects I have created to show my work. They are all hosted on my Github to allow accessibility by anyone:

- Copy the link below to go to Project which is used to display my implementation of React, JavaScript, HTML and CSS. The page basically search through a set of images : <https://joshuaaidubor.github.io/robofriends/>
- The next Project is my Portfolio to show a summary of everything on my Resume. The web address to it is: <https://joshuaaidubor.github.io/>

## EXPERIENCE

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### Technical Service Assistant

#### Western Illinois University

📅 2021 - 2023    📍 Macomb, IL

- Installed and configured computer software, hardware, networks, and peripheral equipment for proper functioning of Services available to Students.
- Troubleshoot and resolved software and hardware issues quickly and efficiently allowing accessibility increase of 9%.
- Analyzed records and logs to spot underlying trends and potential issues.
- Used scripting or authoring languages, management tools, content creation tools, applications for proactive work processing.
- Worked with the LTS developers as well as other staff to develop and maintain WIU web applications.
- Worked with a team of developers to update a front-end component on the WIU website using React.
- Worked on API Integration and developed functionality for systems using different web APIs.
- Developed new features and enhancements for the WIU web application using React and TypeScript.
- Implemented REST API to connect the WIU Web applications to the backend services.
- Optimized REST API calls to reduce load times resulting in a 15% increase in page speed.
- Take calls to provide solutions to both internal and external user's technical problems that may affect usage of online platforms such as Utech, WIU web site etc.
- Maintained technical support procedures and reports for drawing recommendations to make quick effective executive decisions.
- Created accounts for new users and assisted with login or password problems.

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### Database Administrator

#### FerraTech Limited

📅 2016 - 2017    📍 Lagos, Nigeria

- Worked on several Projects for Revolution Mortgage Group, consolidating data from multiple source systems to a central staging database.
- 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.
- Actively involved in customer meetings to understand business needs and functionality of the project.
- 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.
- Maintained backend services using MSSQL Server, PostgreSQL.
- BI solution architecture and development, involving data integration, cleaning, data modeling, DWBI development.
- End to End solution delivery from requirement gathering, ETL, BI platform creation and data visualization and reporting using SSRS and PowerBI.
- ETL implementation of data cleaning, TSQL scripting and SSIS data pipeline creation.
- Implemented applicable joins, clustered and non-clustered indexes for better query execution plans.
- 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.
- Created paginated reports with drilldown, drill through and cascaded parameters for analyzing the past performance in specific business regions.
- Extensively used DDL, DML and TCL statements for defining, accessing, and manipulating transactional systems.
- Maintained large databases, OLAP and used various professional statistical techniques to collect, analyze, and interpret data for Weekly meeting Recommendation.