

ISAAC AFEDIA

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TECHNICAL SKILLS

Programming Languages: Python, R, Java, Scala, Pig, React.js, HTML, SQL, PL/SQL, TSQL, Cypher
Framework/Tools: Pandas, NumPy, Flask, SAS, SciKit Learn, TensorFlow, Pyspark, Hadoop
Scripting: Bash Shell
Software: SSMS, Azure Data Lake, Microsoft Excel, Hive, Tableau, Power BI
Database: Oracle, MS SQL Server, HBase, NoSQL, Neo4j
Cloud: Azure

EXPERIENCE

Software Developer

Omega X capital (Humber College)

May 2023 – Present

- Spearheaded a development team of 3 members in creating a web application for Crypto management and Algorithmic trading solutions for automated trading using agile methodology.
- Used HTML, REACT TypeScript, Python and REST API for the frontend.
- Used Crud Repository for maintaining Database layer and MySQL as database server.
- Coordinate with the stakeholders to gather business requirements and implement them.

Data Analyst

Somacom Links

Dec 2019 – Jan 2023

- Developed and implemented data visualization dashboards using Power BI, providing actionable insights to senior management and business teams.
- Managed data integration and transformation processes using SQL, resulting in a 20% reduction in data processing time.
- Analyzed large datasets to identify trends and insights, resulting in a 10% increase in revenue.
- Designed and implemented data quality checks and cleaning processes, improving data accuracy by 15%.
- Participated in data management activities, including data cleaning and data transformation.
- Assisted in creating data analysis reports, utilizing Excel and Power BI for data visualization.

EDUCATION

Information Technology Solutions, Postgraduate

Aug 2023

Humber College, Toronto, ON

Relevant Competencies

- Developing scalable and efficient data models and data pipelines
- Experience in using AI and Machine Learning tools.
- Understanding of data structures, modeling, and algorithmic principles.
- Expertise in SQL/NoSQL databases and cloud-based data warehousing solutions.
- Proficient in distributed computing principles.
- Experience with object-oriented/object function scripting languages: Python, Java.
- Strong analytic skills related to working with unstructured datasets.
- Proficient in building end-to-end reporting and analytical solutions, from requirements gathering to final deployment.

- Extensive experience in extracting, transforming, and loading data across multiple environments, including MS SQL, Oracle, and Hive.
- Skilled in developing automated solutions following leading enterprise practices and design principles.
- Proven track record of developing and maintaining comprehensive documentation.
- Expertise in manipulating, analyzing, summarizing, and presenting insights from large datasets.
- Advanced knowledge of large relational database systems, particularly MS SQL and Oracle.
- Proficient in Microsoft Excel with skills in pivot tables, v-lookups, formulas, and data manipulation.
- Ability to blend business analysis skills with a technical skillset to develop efficient processes.
- Proficient in implementing multi-dimensional data models to support analytical processing.

Civil Engineering, B.Eng.
Ambrose Alli University, Nigeria

2019

INTERESTS

Language: Strong aptitude for language learning. Currently learning French on Duolingo language app.

Sports: Keen interest in football. Frequently volunteered as football referee at kids' weekend football matches.