Stanley Nonso Omagara - Digital Portfolio

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Objective:

Senior Database Administrator and Data Analytics Expert with a strong academic background in AI Analysis, Design, and Implementation. Passionate about applying AI and data-driven insights to optimize database systems and support informed decision-making.

Skills:

- Database Management Systems: Oracle, Microsoft SQL Server, MySQL, PostgreSQL
- Data Analytics Tools: R, Tableau, Power BI, Metabase, BIRT.
- AI and ML Techniques
- Data Visualization
- Scripting and Automation: SQL, PowerShell, Linux, Python
- Cloud Technologies: AWS, Azure
- Languages: English

Professional Experience:

Senior Database Administrator
Seamfix Limited – United Kingdom
October 2016 – Present

Projects Executed:

- Data Warehouse Optimization: Led a team to optimize data warehouse, resulting in an 80% reduction in query execution time.
- MTN Africa Database Management: Managed Table Space and Resource Issues on MTN Africa Database.
- Business Intelligence Reporting: Built complex SQL reports and created dashboards using BI tools (Eclipse, Tableau, Microsoft Power BI, Metabase).

- Nigerian National Identity Management Commission (NIMC) Enrolment Software Solution: Senior DBA role.
- iTranscript Processing: Current Senior DBA at iTranscript.ng, managing iTranscript Processing for students at the University of Nigeria.
- MTN NG DBA for Biosmart Project: Current DBA for Biosmart Project (SIM REG SOFTWARE) at MTN NG.
- Identity Management: Current DBA for verified.africa Solution for Identity Management.

Key Responsibilities and Achievements:

- Over 10+ years of experience as a Database Administrator using Microsoft Server and NoSQL Databases.
- Ensured all database servers are backed up meeting the business's Recovery Point Objectives (RPO).
- Tested backups to ensure meeting the business' Recovery Time Objectives (RTO).
- Collaborated with developers to optimize database performance.Data Analytics Expert and Database Administrator Consultant
- Managed diverse databases including Oracle, PostgreSQL, MySQL, MSSQL, Mongo, AWS RDS, etc.
- Implemented data security measures ensuring compliance with industry regulations.
- Conducted performance tuning and optimization, resulting in over 80% improvement in database query response times.
- Collaborated with cross-functional teams to design and maintain ETL processes for data integration.
- Created and maintained comprehensive documentation of database structures and processes.
- Installed, configured, and maintained Oracle databases, PostgreSQL, MSSQL, and Mongo Databases.
- Experienced with Azure SQL Database, T-SQL, SQL Server Reporting services, SQL Server Integration Services, Power BI, Power Query, Power Pivot, DAX, Tableau.
- Hands-on experience with Azure Data Factories, Databricks, Azure Synapse, Azure SQL, Cosmos DB, Oracle DBMS, Big Data/Data Lake/Hadoop.
- Hands-on experience with SSIS, SSRS, Talend, Informatica, etc.

SeerBit – Lagos Nigeria

May 2023 – Present

- Developed data analysis models and algorithms to extract meaningful insights from large datasets.
- Utilized tools such as Metabase, BIRT (Business Intelligence Reporting Tool) to perform statistical analysis and create visualizations.
- Presented data-driven recommendations to stakeholders, leading to improvements in specific areas of impact, e.g., marketing strategies, operational efficiency.
- Collaborated with data engineers to streamline data collection and processes.
- Conducted A/B testing and performed hypothesis testing to guide data-driven decision-making.
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Education:

- Advanced Diploma in Artificial Intelligence
  Durham College - Oshawa, Ontario.
- Bachelor of Science in Agric-Economics
  University Of Nigeria

Relevant Coursework:

- Machine Learning
- Natural Language Processing
- Deep Learning
- AI Ethics and Responsible AI

Certifications:

- Graduate Certificate in AI Analysis, Design, and Implementation. Durham College.
- Udemy Certificate on Linux Administration.
- Udemy Certificate on Database Administration and Modeling.

References:

Available upon request.