BERNARD AYIKPA-MADISON

Contact Information:

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Summary:

- 9 years of experience in Information Systems and Applications Management using Database Management Systems.

- 5 years of experience in Data Engineering, Management, and Analysis using SQL, Python, Power BI, and other related data management tools.

- 4 years of experience in Federal Application System Analysis and Review with the development of Agile processes in Software Project Management.

- 2 years of experience in Identity and Information Security Data Management using SailPoint Identity Management Software and SQL Database System.

- 3 years of personal development on Python, IBM Cloud Database Management Application Systems, Google Cloud Data Engineering Application Systems, and Microsoft Azure Data Engineering Application Systems such as Databricks and Spark.

Experience:

Business/System Analyst, Inserso Corporation

December 2024 – Current

- Manage Development Workload in Jira and track delivery on time.
- Coordinate with employees to understand system issues and coordinate with project management Office and Developers to solve them.
- Manage system application data and rectify issues in employee's attendance data.
- Coordinate with the security team to install software patches and other related security issues.
- Manage workload and requirement approval through various government required structures.
- Run reports and fix Payroll Issues when reported, in application before payroll week to ensure no issues occur during batch processing.
- Support test team when needed to test applications when more hands are needed.

Data Engineer, American Express
September 2022 – October 2024 – Requested to relocate to headquarters in Phoenix

- Created and maintained a database dedicated to tracking and analyzing transactional records generated by the Identity IQ system.

- Managed, updated, and troubleshooted stored procedures to ensure all scheduled jobs executed properly for reports to refresh.

- Handled regular report requests from analysts and top management.

- Collaborated with the Identity IQ Data Mining Team to run, process, and store monthly audit reports for employee access in IIQ to meet regulatory audit requirements.

- Built new stored procedures to create reports for management and the Analyst team as well as schedule them for daily and weekly runs.

- Created Power BI reports for Directors, Managers and other data analyst team members.

Data Engineer, Construct Connect
January 2022 – September 2022 – Lost dad and needed to travel back to Ghana

- Assisted in building reports for the Finance team for financial reports.

- Built tables using dbt and Google Cloud SQL for data mining and transformation.

- Worked with sales teams to pull data from HubSpot into our data lake and transform it into our warehouse using Fivetran.

- Troubleshooted data pipelines to ensure jobs are executed and fix any failures.

- Collaborated with the Data Engineering team to build new data projects that provided insights for the Finance and Sales teams.

- Developed reports and dashboards using Power BI and maintained the board.

SSIS, SSRS, Power BI Developer, McKesson Corporation – Changed Career for growth
March 2017 – June 2022

- Created SSIS packages for loading data from various interfaces like OMS, Orders, Adjustments, and Objectives.

- Worked on SSIS packages, DTS Import/Export for transferring data from Oracle and text format data to SQL Server.

- Designed data warehouses and analyzed approaches for maintaining different dimensions and facts.

- Scheduled and maintained daily and monthly loads of OMS, Orders, Objectives, and Adjustments data.

- Created database objects such as tables, indexes, views, stored procedures, and user-defined functions.

- Used SSRS to generate reports.

- Collaborated with Quality Assurance associates to ensure deliverables were accurate and of high quality.

- Developed Power BI reports, dashboards, and visualizations.

Education:

- **Bachelor's in Management Information System, University of Oklahoma**
  July 2018 – May 2020

- **Associate in Business Administration, Oklahoma City Community College**
  January 2016 – May 2018

Skills:

- IBM Cognos, ETL/ELT, SAP Warehouse, SQL Server, Git and Version Control, Data Warehousing, ERP Designing, Azure Databricks, Azure Data Engineering, Apache Spark, Agile Methodology, Project Management with Jira, Software Project Management, AWS Redshift, Microsoft Office, Power BI, AWS S3, Microsoft Power Query, IBM Cloud Data Management/Engineering, Google Cloud Data Management/Engineering, IIQ Identity Management System, Python.

Honors and Certifications:

- CompTIA Network+ Certification

- CompTIA Security+ Certification

- LOG 2040 Configuration Management Certification

- Harvard Project Management Certification

- CompTIA CySA+ Certification

Personal Development and Projects.

- Personal development on Coursera and Accomplishment

https://www.coursera.org/learner/bernard-ayikpa-madison-9297

- Used AI To build learning resources for my kids and some other personal projects - https://github.com/benayimadison000/kids-learning-website.git
- Built an engineering ETL project on Ghanaian top artists on Spotify using Batch Processing and CI/CD - https://github.com/benayimadison000/formula1-databricks-egineering-project.git
- Built a project using Classic Model data with dbt and postgres database to transform the data. - https://github.com/benayimadison000/classicmodels-dbt-project.git
- Built project in Azure Databricks for formula1 Data Engineering ETL Pipeline. - https://github.com/benayimadison000/formula1-databricks-egineering-project.git
- Simple python analysis of EU Soccer players injury statistics - https://github.com/benayimadison000/eu_soccer_players_injury_data_analysis.git