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PROFESSIONAL EXPERIENCE

BIG LOTS INC

August 2022- present Richmond, VA

IT Data Systems Analyst

- Developed **Python** code to normalize data from over 25+ different applications into a **medallion DatalakeHouse**
- Successfully tested and ensured data integrity during the migration of the backend database from **Memsql** to **Databricks**, adapting to evolving system requirements.
- Involved in data migration to import data from **Teradata** and MS SQL Server to **Snowflake**.
- Monitor Error logs and Failure Notifications on **Control M** monitoring dashboard.
- Monitor and validate application logs in **Unix**
- Analyze code and document them from **RedPoint** data Management.
- Program and support **ETL (RedPoint)** workflows for integrating data from disparate data sources and loading in **Tableau data warehouses**. This includes probabilistic matching, profiling, data cleansing, householding and publishing Tableau data connections and dashboards.
- Ingested and cleansed client data from various sources using **Azure Data Factory**, facilitating seamless data integration into Databricks. Transformed the data for generating reports and dynamic visualizations on **PowerBI** and **Tableau**. Maintained **Splunk**, **Power BI** and **Tableau** dashboards to ensure the data is in sync for all 19 servers.
- Developed **Unix** and **Python** scripts to automate the data loading of more than 1M records into the **Oracle database**.
- Processed data using **PL/SQL** queries, transforming the data in a technically readable oracle format
- Helped maintain a farm of AWS solution using **EC2** instances, **ELB's**, **S3**, **EBS**, **Auto Scaling**. Developing Cloud Formation templates to launch **VPCs** and instances in the AWS cloud.
- Worked with DA and Created **EDW Warehouse/Mart tables** to store Fact and dimension data.
- Analyze data using pivot tables/validation tools in **Microsoft Excel**
- Created message queues using **MQ Explorer/MQ** Connector to capture messages.
- Developed **DataStage** jobs to read messages from queue and parse the **XML** files using Hieratical **Data stage**.
- Responsible for Continuous Integration (**CI**) and Continuous Delivery (CD) process implementation using **Jenkins** along with **Shell scripts** and **Redwood** to automate routine jobs.
- Performed detailed **quantitative** analysis on products owned, yielding actionable insights such as ways to drive **ROI** and customer adoption.
- Assisted in updating and transitioning reporting from **Amazon Redshift** to **Snowflake**.
- Enabled analysts with the transfer of SQL queries from legacy **Teradata databases** to **Snowflake** to reduce processing timeouts, increase dashboard refresh rate, and enable new analytical insights.
- Used **dbt** to develop data pipelines, models, macros, pre and post hooks.

COX HEALTH

August 2020- June 2022 Tallahassee, FL

Data Engineer

- Creating advanced SQL queries/views to report on current data.
- Analyze data using pivot tables/validation tools in **Microsoft Excel**
- Launched and optimized digital marketing initiatives across various LOBs and channels
- Migration of the on-premise, Enterprise Data Warehouse on Teradata to cloud using **Infoworks** as ETL tool
- Use of data analytics methodology for process optimization in audits with **Alteryx**, **Excel** and **Tableau**.
- Managed SQL Server database errors and data structure for feeding to tableau dashboards and power queries
- Comfortable holding high-level technical discussions on topics like web development, **OAuth setup**, **API**, and **data transformations**
- Expands and optimized data and data pipeline architecture, as well as optimizes data flow and collection for cross-functional teams
- Worked with the integration of ERPS systems **SAP**, **P0X**, **ECPTS** into Enterprise Datawarehouse
- Daily interaction with the business for **requirement gathering**, **design analysis**, **development**, **UAT** meeting and launch.
- Worked on SQL Server development including writing **T-SQL** Queries and creating SQL Server objects like **Stored Procedures**, **User-defined Functions**, Views, Triggers, implementing T-SQL relational database models and data integrity.
- Wrote Parameterized Queries for generating Tabular reports, Formatting report layout, creating reports using **Global Variables**, Expressions, Functions, Sorting the data, Defining Data Source and Datasets, calculating subtotals and grand totals for the reports using **SSRS**.
- Supported Extract, Transfer, Load (ETL) efforts using Integration Services tools. Created, configured, modified and tuned **SSIS packages**.
- Created custom packages to load slowly changing dimension tables (for Type 2 and Type3 loads).
- Used configuration manager in SSIS to dynamically move packages between environments, performed error handling for SSIS packages.

EPIQ GLOBAL

November 2019 - July 2020 Seattle, WA

Data Analyst

- Performed data engineer roles as part of the SQL server team in the company. Supported SQL models, data pipelines, production jobs and troubleshoot & fix production issues in case of failure
 - Strong Knowledge on Creating tables, Views, Indexes in SQL Server using T-SQL.
 - Very good Hand-on of using Extraction, Transformation, and loading (ETL) in SQL server database, Flat files and Excel files.
 - used variables and expression in SSIS packages, variable and expression in SSRS reports.
 - Good understanding and practical hands-on about Stored Procedures, Grouping and sorting the Data, Trigger, User-defined functions, Temp Data Structure (Temp Tables, Table Variable, CTE (Common Table Expression).
 - Good Knowledge of building Package and Package Configuration.
 - Proactively identified and collected analytical, tooling and reporting needs from Commercial stakeholders (Customer Success Management and Technical Solutions teams); develop self-service tools to answer these needs using Tableau, Python or any other relevant technologies
 - Developed and maintained automated reports in support of Customer Success Management, Technical Solutions and external clients
 - Provided client or industry insights and present as appropriate to internal teams throughout the organization and to Nordstrom stakeholders externally
 - Developed intimate understanding of a client's goals and needs, and partner with them and our internal commercial teams to formulate strategies for achieving joint objectives
 - Spearheaded both local and global initiatives and become subject matter expert as opportunities arise
 - Maintained deep knowledge of Nordstrom products, technologies, and position in the marketplace
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- Provide analysis to our restaurant operations team on ways to save on cost of product and supplies.
- Created and updated financial and non-financial KPI reporting in Power BI. Financial metrics include revenues and cost trends and variances to annual operating plans and forecasts. Nonfinancial metrics examples would be complaints, guest satisfaction, and restaurant service speed.
- Documented variances of revenues and costs to plans and forecasts.Period financials include restaurant unit-level plans, profit and loss statements, and consolidated profit and loss statements.
- Produced weekly, monthly, quarterly, and annual reports to analyze revenues, costs, and trends.
- Provided insights into potential cost savings areas to restaurant operations leaders (executive and director level leadership).
- Provided weekly updates to the leadership team through the completion of Excel schedules and Powerpoint presentations.Collaborate across **10** teams and departments in annual planning and forecasting processes.
- Identified and updated 5000+ erroneous accounts and contacts in Salesforce via ad-hoc analyses and communicated updates to key stakeholders
- Created and updated charts, graphs, and slides for use in management reporting activities.
- Partnered with various teams in the presentation of results to leadership.

EDUCATION

FLORIDA STATE UNIVERSITY

Computer Science (BS)