

SUMMARY

- 7+ Years of Industry Experience as a **Data Analyst** with solid understanding of **Data Modeling, Evaluating Data Sources** and strong understanding of **Data Warehouse/Data Mart Design, ETL, BI, OLAP, Client/Server applications**.
- Expert in writing **SQL queries and optimizing the queries** in Athena, SQL Server and Mysql.
- Excellent **Software Development Life Cycle (SDLC)** with good working knowledge of testing methodologies, disciplines, tasks, resources and scheduling.
- Excellent knowledge in **Data Analysis, Data Validation, Data Cleansing, Data Verification and identifying data mismatches**.
- Performed **data analysis** and **data profiling** using complex SQL on various source systems.
- Experience in generating dashboards, user stories and reports for providing actionable insights to improve businesses using business intelligence tools like **QuickSight, Tableau, Power BI and Excel**.
- Knowledgeable in AWS services including EC2, S3, RDS, Redshift, Glue, Athena, IAM and QuickSight.
- Strong experience in **Agile methodologies**, collaborating with cross-functional teams to deliver data-driven solutions efficiently.
- Provided **training** and **support** to stakeholders on data tools, reports, and dashboards, ensuring seamless data adoption and utilization.
- Proficient in scripting and automation using **Python** and **R** for data manipulation, analysis, and workflow automation.
- Expertise in migrating reports and dashboards from multiple platforms, including Excel, Qlik, and Tableau, into AWS QuickSight, streamlining reporting processes and improving accessibility.
- Deep understanding of AWS QuickSight, including setting up data sources, creating calculated fields, designing interactive dashboards, and implementing row-level security for secure data sharing.

TECHNICAL SKILLS

Platforms	MS DOS, Windows 98/2000/XP/Vista/7/10, UNIX.
Language	C#, Visual Basic, C, C++, SQL, PL/SQL, T-SQL, Python, SAS (Statistical Analysis System).
Development Tools	SSRS,SSIS,SSMS,GIT, JIRA.
DBMS & Reporting Tools	SQL Server 7/2000/2005/2008/2008 R2/2012/2016/2019, Oracle 8i/9i/10g/11gR1/11gR2, Crystal Reports 8.0, SQL Server Reporting Services, MS Access, SSIS, Microsoft Azure.
Version Control	Team Foundation Server, GitHub

CERTIFICATIONS

Amazon Web Services Cloud Practitioner by Amazon
Snowpro Certified by Snowflake
Matillion Certified by Matillion
DBT Fundamental Certification from DBT Labs
Generative AI fundamentals by Databricks
SQL(Advanced) by HackerRank

PROFESSIONAL EXPERIENCE

State of MD, Remote
Role: Quicksight Developer

Aug 2023 to present

Developed Quicksight dashboards by gathering data from various sources such as Salesforce, JIRA, and VersionOne, migrating data from legacy tools like Excel, Qlik, and V1 Analytics to Quicksight.

Responsibilities:

- Led the design and implementation of visually appealing Amazon QuickSight dashboards, reports, and data visualizations, integrating data sources such as **Salesforce, and JIRA** to meet diverse business needs.
- Developed **Extract, Transform, Load (ETL)** pipelines, incorporating Athena SQL for efficient querying of Salesforce applications and JIRA, ensuring comprehensive and accurate datasets.
- Ensured seamless integration with various data sources, including **AWS Redshift, RDS, S3 and Snowflake**, enhancing data accessibility and reliability for insightful reporting.
- Written Python scripts to clean the data and for triggering jobs to refresh the datasets.
- Proactively addressed QuickSight implementation issues, provided **end-user support, and conducted training sessions** to empower users in effectively utilizing dashboards and reports.
- Collaborated with cross-functional teams, including data engineers and analysts, for smooth integration of QuickSight solutions with existing systems.
- Implemented job creation and scheduling for pagination reports on a weekly and monthly basis, optimizing report delivery and accessibility.
- Built KPI metrics to help state and federal leadership to understand metric movements and trends.
- Utilized **Confluence** to document project details, processes, and updates, ensuring effective knowledge sharing and collaboration across teams.
- Built forecasting insights by using AI methods for future trends to make the decision.
- Stayed current with industry trends, implemented continuous improvements, and maintained high-quality deliverables through rigorous testing and validation processes.
- Provided training sessions to stakeholders and team members on **Quicksight**.

R3Tek, New Jersey, USA
Role: Sr Data Analyst

Feb 2023 to Aug 2023

R3Tek aimed to migrate legacy reports from SQL Server SSIS/SSRS to AWS Quicksight to enhance reporting efficiency and leverage cloud capabilities. The project involved integrating data from Snowflake, Salesforce, and MySQL into Quicksight.

Responsibilities:

- Migrate reports from SQL Server SSIS/SSRS to AWS Quicksight, integrating data from Snowflake, Salesforce, and MySQL.
- Design and optimize ETL/ELT pipelines to extract, transform, and load data from Snowflake and Salesforce into Quicksight for reporting.
- Develop efficient data models in Snowflake, write complex SQL queries, and optimize query performance across Snowflake, Salesforce, and MySQL.
- Create interactive dashboards and visualizations in AWS Quicksight, aligning business needs with actionable insights for stakeholders.
- Collaborate with stakeholders to understand reporting requirements, provide training on Quicksight, and support self-service reporting capabilities.
- Ensure data accuracy by performing thorough testing, validation, and maintaining comprehensive documentation of the migration process.

I worked on a project called Wolverine for a prominent social media client, where I analyzed advertisements viewed by customers globally. Initially, the reporting was done using Excel and Power BI, but I successfully migrated all legacy reports to cloud-based Quicksight dashboards. This migration reduced reporting time by nearly 50%.

Responsibilities:

- Utilized **Athena SQL** to query and analyze large datasets, ensuring optimal performance for real-time reporting.
- Processed **JSON** data for integration with Quicksight dashboards and triggered JSON files using **Python Lambda** functions for automated data updates.
- Leveraged **Advanced Excel** for data preprocessing, validation, and report generation prior to cloud migration.
- Worked with **SQL Server 2012** for data extraction, transformation, and storage in the legacy reporting system.
- Created and maintained thorough **documentation** of the migration process, ensuring scalability and future enhancements.
- Developed **data stories** and visualizations to clearly communicate key insights to stakeholders, supporting strategic decision-making.
- Implemented **KPIs (Key Performance Indicators)** to measure critical metrics such as ad performance, reach, and customer engagement.
- Designed various charts in Quicksight, including **bar charts, line graphs, heat maps, and pie charts**, to visualize complex datasets effectively.
- Automated reporting workflows using **Python Lambda** for seamless data ingestion and transformation, reducing manual intervention.

I worked on the **Sevamitra** project for the Telugu Desam Party (TDP) in the Telugu states of India, focusing on building and managing the party's voter base.

Responsibilities:

- Involved in all the phases of the Project Life Cycle and analysis of the system based on n-tier architecture.
- Used SQL and SQL Server to extract large datasets related to sales, customer data, and inventory levels, and performed data cleansing using Excel and UNIX.
- Managed and maintained MySQL databases on Linux servers, ensuring efficient data storage and retrieval for the project.
- Developed and executed complex SQL queries to pull and aggregate data from applications, extracting key information for analysis.
- Analyzed large datasets to identify trends, insights, and patterns, aiding in strategic decision-making for voter engagement.
- Optimized MySQL queries and database performance to ensure smooth and fast data processing.
- Integrated data from various sources and presented actionable insights through detailed reports and visualizations.
- Automated data extraction and analysis processes using Linux scripting, improving data availability and reporting accuracy.

- Master's degree in computer science (CS), Eastern Illinois University (EIU), Charleston-IL, 2022.
- Bachelor's degree in communication engineering, JNTU-Hyderabad, 2015.