

ANIRUDH JOSUYLA

anirudhjosuyla29@gmail.com | +1(613)689-7776 | ONTARIO

Summary

Results-driven Data Engineer with 3+ years of experience in designing, developing, and optimizing multi-platform database solutions. Proficient in SQL, NoSQL, ETL pipelines, and cloud technologies (AWS, Azure, Google Cloud). Skilled in database schema design, query optimization, data modeling, and automation using CI/CD. Strong background in data security, compliance, and performance tuning to ensure scalable and high-availability database solutions. Adept at collaborating with cross-functional teams to integrate databases with business applications and cloud environments.

Education

Post Graduate Diploma in Computer Software and Database Development: Loyalist College in Toronto, ON **CGPA 3.2**

Technical Skills

- **Databases:** PostgreSQL, MySQL, Oracle, Snowflake, MongoDB, DynamoDB
- **Cloud Platforms** – AWS (S3, Glue, Lambda), Azure
- **ETL & Data Pipelines** – Snowflake, AWS Glue, Airflow, Kinesis, Kafka, SSIS
- **Performance Optimization** – Query tuning, indexing, partitioning, caching
- **Security & Compliance** – Data encryption, access control, regulatory compliance
- **Automation & DevOps**
- **CI/CD Pipelines** – Terraform, CloudFormation, Jenkins, GitHub Actions
- **Scripting & Programming** – Python, SQL
- **Containerization & Orchestration** – Docker, Kubernetes (Basic knowledge) Visualization & Reporting
- **BI & Dashboarding** – Tableau, Power BI, Excel (VBA, Pivot Tables, Macros)

Work Experience

Junior Technical IT Analyst & Sales Associate : Greenhouse Juices Ltd, Toronto 09/23 - Present

- Designed and developed business intelligence dashboards using Power BI and Tableau, resulting in a 25% increase in sales forecasting accuracy.
- Maintained and optimized ETL code using data extraction, data cleaning, and data visualization techniques, reducing data processing time by 30%.
- Coordinated with third-party development teams to outsource and reintegrate maintenance and development items, ensuring seamless integration and minimal downtime.
- Researched and applied continuous improvement in data visualization, identifying trends and patterns to transform raw data into actionable business insights.
- Developed data visualizations of large amounts of data, facilitating intuitive presentation of data to decision-makers.
- Documented data flow, systems, and processes to improve design, implementation, and management of business/group processes.
- Assisted customers with sales inquiries, processed transactions, and maintained a high level of customer satisfaction as a Sales Associate

Data Engineer I : Tritron Technologies Pvt Ltd, Hyderabad, India

06/19 - 05/22.

- Designed and developed ELT pipelines using Kafka, Snow APIs, JDBC, enhancing data ingestion and transformation.
- Built and optimized ETL pipelines with AWS Kinesis, Snowflake, and Spark on EMR for scalable data processing.
- Improved Snowflake query performance by optimizing indexing, partitioning, and data modeling strategies.
- Developed and maintained real-time dashboards for monitoring and analytics using Power BI & Tableau.
- Implemented data lake architecture using AWS S3, improving data storage efficiency for large-scale datasets.
- Orchestrated workflows using Apache Airflow and AWS Step Functions for automation and monitoring.

- Worked with AWS Glue for schema detection, data cataloging, and ETL processes.
- Ensured data security and compliance by implementing encryption, access control, and regulatory standards.
- Built and maintained CI/CD pipelines for data deployment, leveraging Terraform, CloudFormation, and Infrastructure as Code (IaC).
- Collaborated with cross-functional teams, including DevOps, application developers, and cloud engineers, to optimize data integration processes.
- Provided database support, troubleshooting, and performance tuning to enhance system reliability.

Key Achievements

- Improved data accessibility by 50% through ELT pipeline development.
- Reduced query response times by 40% through Spark transformations.
- Increased sales forecasting accuracy by 25% through business intelligence dashboard development.
- Reduced data processing time by 30% through ETL code optimization.
- Improved incident tracking by 40% through Snowflake query optimization.

Certifications

AWS Certified Solutions Architect (in progress)