

# ANIRUDH JOSUYLA

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

## Summary

Passionate Data Engineer skilled in building predictive models using machine learning algorithms, with a proven track record of collaborating with cross-functional teams to translate data insights into actionable business strategies.

## Education

**Post Graduate Diploma in Computer Software and Database Development:** Loyalist College in Toronto, ON 12/2023 - CGPA 3.2

## Technical Skills

**Programming Languages:** Python, R, SQL, Java

**Visualization Tools:** Power BI, Tableau, Excel Dashboards

**Cloud Platforms:** AWS (Kinesis, Lambda, Glue, S3, Redshift), Azure

**Databases:** MySQL, PostgreSQL, PL/SQL, Oracle, MongoDB, DynamoDB, Snowflake

**Data Engineering Tools:** Apache Kafka, Spark, Hadoop, Databricks

**Data Analytics and ML:** Pandas, NumPy, TensorFlow, PyTorch, Predictive Modeling, Statistical Analysis

**BI/SRE Tools:** Git, CI/CD, Docker, Kubernetes

**Development Practices:** SDLC, Agile, Debugging, Documentation, Continuous Learning

## Work Experience

**Junior Technical IT Analyst : Greenhouse Juice Company Ltd , Co-op , Toronto**

**09/23 - 12/23**

- Developed and tested plugins for retail business applications, enhancing sales and discount functionalities, including SQS integration for real-time updates and automation in the sales process.
- Implemented customer data entry systems, ensuring efficient and accurate data capture, and developed plugins for automatic discount application based on customer data, improving the shopping experience and increasing sales.
- Used SQL queries to streamline reporting, reducing report generation time by 20%.
- Assisted in gathering and documenting requirements to ensure a clear understanding of business needs, facilitating the development of solutions that align with client objectives.
- Supported application testing and data analysis tasks, focusing on the integration and performance of Oracle Database 19c within the retail systems.
- Collaborated with the development team to create comprehensive test cases and strategies, ensuring the robustness and reliability of the applications and plugins developed.
- Presented data insights using Tableau, PowerBI, and Excel for cross-functional teams.
- Created a customer value metric for identifying social influencers..

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

**06/19 - 05/22**

- Developed ELT pipelines using Apache Kafka, Snow APIs, and JDBC, improving data accessibility by 50%.
- Created Spark transformations for time-series analytics, reducing query times by 40%.
- Built scalable ETL pipelines with AWS Kinesis, Glue, and Snowflake, ensuring data accuracy.
- Designed real-time dashboards in Tableau, improving resource allocation efficiency by 30%.
- Optimized Snowflake query performance, reducing runtime by 40%.
- Orchestrated workflows with AWS Step Functions, saving 2 hours weekly in pipeline runtime.
- Enhanced monitoring and alert systems for data pipelines, reducing operational downtime.

## Project: Real-Time Sales Performance Dashboard for E-Commerce

Technologies Used: AWS (Kinesis, Lambda, Redshift, S3), Apache Spark, Tableau, Python, PostgreSQL

Key Achievements:

- Processed 1M+ daily sales events via AWS Kinesis and Spark, enabling real-time insights.
- Reduced query response times by 40% through optimized data storage in S3 and Redshift.
- Integrated predictive analytics for demand forecasting and inventory optimization.
- Delivered interactive Tableau dashboards for real-time sales metrics, improving sales strategy by 30%.

## **Additional Skills and Attributes**

- Strong organizational and time-management skills with the ability to manage multiple projects simultaneously.
- Self-motivated team player with a passion for delivering high-quality software solutions.
- Committed to continuous learning and keeping up with the latest industry trends and technologies.

## **Certifications**

**AWS Certified Solutions Architect** (in progress)