

# ANIRUDH JOSUYLA

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## 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. Adept at bridging communication between IT, operations, and business to deliver high-quality solutions.

## 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, SQL, Power Query

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

**Machine Learning:** NumPy, Pandas, TensorFlow, PyTorch, OpenCV

**Databases:** MySQL, PostgreSQL, Oracle, MongoDB, 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.
- 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**

- Proven expertise in data analysis, reporting, and business intelligence.
- Experience in programming with SQL, Python, and Power Query for data transformation and reporting.
- Knowledge of data visualization tools such as Power BI, Tableau, and Data Virtuality.
- Familiarity with SICS and PeopleSoft business tools.
- Strong foundation in database design and data warehousing principles, including Snowflake.
- Demonstrated project management skills through pipeline optimization and team collaboration.

## 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%.

## Key Projects

**Retail Data Integration:** Integrated customer data entry systems with Oracle Database, ensuring efficient and accurate data capture.

**Sales Reporting Optimization:** Automated report generation with SQL and Python, reducing time spent on manual reporting tasks by 25%.

## 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)