

EDUCATION

University of South Florida Master of Science, Computer Science	August 2023 – May 2025 GPA: 3.77
Jawaharlal Nehru Technological University Bachelor of Technology, Computer Science and Engineering	August 2019 – May 2023 GPA: 3.46

WORK EXPERIENCE

Reinvision Labs Pvt. Ltd. Data Engineer Hyderabad, India	July 2021 – June 2023
<ul style="list-style-type: none">Designed and optimized ETL pipelines for AR/VR interaction data using SQL, Apache Spark, and Pandas, achieving 99% data accuracy and improving data processing speed by 45%.Built predictive analytics models using Python, Tableau, and Scikit-learn, increasing user engagement by 25% through data-driven insights.Automated ETL workflows using Apache Airflow, AWS Glue, and CI/CD pipelines, reducing manual intervention by 40% and increasing operational efficiency.Designed real-time dashboards in Power BI and Tableau, enhancing data visibility and stakeholder decision-making, reducing report generation time by 60%.Optimized cloud data processing on AWS Redshift and Snowflake, improving query performance by 50% and reducing infrastructure costs by 30%.Developed data ingestion frameworks integrating REST APIs, AWS Lambda, and Terraform, enabling seamless data integration from multiple sources and reducing data pipeline failures by 98%.	

PROJECTS

Optimizing ETL Pipelines for Large-Scale Ad Data Processing Technologies: SQL, Python, Apache Spark, AWS Redshift, Airflow, Terraform	
<ul style="list-style-type: none">Created an automated ETL pipeline using Apache Spark and SQL, processing over 10TB of ad impression data per month, reducing latency by 35%.Implemented data quality checks and error logging mechanisms, improving data integrity and reducing ingestion failures by 98%.Integrated orchestration tools like Airflow, automating ETL workflows and reducing manual intervention by 50%, improving overall efficiency.	
Cloud-Based Business Intelligence Dashboard for TV Ad Campaign Performance Technologies: Power BI, Tableau, AWS QuickSight, SQL, Snowflake, Python	
<ul style="list-style-type: none">Built an interactive dashboard to visualize TV ad campaign performance, reducing data reporting lag by 50% and enabling real-time decision-making.Leveraged Snowflake as a data warehouse, ensuring 99.9% uptime and improving query execution time by 40%.Implemented row-level security and user access controls, ensuring data governance compliance and preventing unauthorized access.	
Automating Data Ingestion and CI/CD for BI Workflows Technologies: GitHub Actions, Jenkins, Terraform, AWS Lambda, Python	
<ul style="list-style-type: none">Facilitated an end-to-end CI/CD pipeline for data ingestion workflows, using GitHub Actions and Jenkins, reducing deployment time by 60%.Established infrastructure provisioning with Terraform and AWS Lambda, eliminating manual errors and improving system scalability.Executed test-driven development (TDD) principles, enhancing system reliability by 30% and ensuring seamless integration of new data sources.	

PROFESSIONAL SKILLS

Tools: Microsoft Office, Advanced Excel, Microsoft Power BI, Tableau, Google Sheets, AWS, GCP, Azure, AWS Quick Sight.
Programming and Databases: Python, Java, R, SQL (MySQL, PostgreSQL, Oracle, MongoDB), C, C++, C#, JavaScript, Shell Scripting, HTML5, CSS3, NoSQL, Airflow, ETL pipelines, Hadoop, Snowflake, Databricks, Airflow, Data warehousing, AWS Redshift, Spark
DevOps & CI/CD: Git, GitHub Actions, Jenkins, Terraform, Docker, Kubernetes.
Skills: Data Analysis, Data Visualization, Statistical Analysis, Machine Learning, Predictive Analytics, Data Storytelling, A/B Testing, ROI Analysis.
Data Processing & Analytics: Pandas, NumPy, SciPy, TensorFlow, Keras, Scikit-learn, Seaborn, Matplotlib, Streamlit, PyCharm, DAX, Snowflake, Databricks.

CERTIFICATIONS

[AWS Certified Cloud Practitioner](#), [Salesforce Certified AI Associate](#), [Google Certified Data Analyst Professional](#)