BITA ASHOORI | DATA ENGINEER

📍 Vancouver, BC | 🔗 linkedin | 🔗 portfolio website | ✉ bitaashoori20@gmail.com

PROFESSIONAL SUMMARY

Data Engineer with 5+ years of combined experience in cloud-native data engineering, business intelligence, and analytics. Proven track record in designing and automating scalable ETL workflows, integrating data from APIs, databases, and third-party sources into cloud data warehouses. Skilled in Python, SQL, Airflow, AWS (S3, Redshift, Lambda), PySpark, and SSIS. Passionate about clean architecture, automation, and empowering teams with reliable, insight-ready data.

TECHNICAL SKILLS

- Languages: Python, SQL (T-SQL, PL/SQL), Bash
- Data Engineering: Apache Airflow, PySpark, dbt, SSIS, Denodo
- Cloud & Tools: AWS (S3, Lambda, Redshift, CloudWatch), GitHub Actions, Docker, Streamlit
- Databases: PostgreSQL, SQLite, SQL Server, Oracle
- BI & Analytics: Power BI, SSRS, Tableau
- Workflow & Agile: Git, GitHub, JIRA, Agile/Scrum

PROFESSIONAL EXPERIENCE

Data Engineer at O2E Brands, Vancouver, BC (Remote)   2021 – 2024
- Modernized fragile ETL pipelines by rebuilding legacy workflows into modular Apache Airflow DAGs.
- Designed and automated scalable ETL pipelines using Python, AWS Lambda, Redshift, and S3.
- Reduced API-related data failures by 70% through robust retry logic with exponential backoff and alerting.
- Integrated third-party marketing APIs into Redshift, enabling near real-time reporting for stakeholders.
- Actively participated in Agile teams using JIRA and GitHub for sprint delivery and documentation.

Data /ETL Developer at Vancouver Coastal Health, Vancouver, BC (On-site)   2019 – 2021
- Built and maintained SSIS ETL pipelines to integrate clinical and operational datasets.
- Leveraged Denodo to virtualize data access from siloed systems.
- Supported healthcare analytics by creating dashboards and curated datasets.
- Participated in Agile teams using JIRA for sprint planning and technical documentation.

BI Developer / Database Administrator, Georgia Main Food Group, Burnaby (On-site)   2017 – 2019
- Created executive dashboards using Power BI and SSRS for retail operations and performance KPIs.
- Maintained daily ETL processes via SSIS and performed data integrity checks.
- Improved database performance by optimizing stored procedures and index strategies.
- Administered SQL Server access controls, backups, and user role policies.

PROJECT HIGHLIGHT   2024 – Present

Healthcare FHIR Pipeline
- Parsed FHIR-compliant JSON data (from Synthea) into structured SQLite tables using Python.
- Built Streamlit dashboard and exported output for downstream BigQuery and AI use cases.

AWS Serverless Job Scraper
- Built an AWS Lambda pipeline triggered by EventBridge to scrape job data and store logs in S3/DynamoDB.
- Monitored pipeline with CloudWatch; integrated alerts via SNS.

Real-Time Marketing ETL
- Developed a PySpark pipeline in Databricks to ingest ad campaign data.
- Orchestrated CI/CD using GitHub Actions and exported results to AWS S3.

EDUCATION & CERTIFICATIONS

- Data Science Bootcamp – Springboard (2020–2021)
- Applied Database Admin & Design – BCIT (2015–2017)
- Bachelor of Applied Science in Computer Science & Mathematics – Azad University
- Certifications: IBM Python for Data Science, Git & GitHub, Python Scripting for DevOps