

Zahraa Alshalal – Data Engineer

Oakland, CA • (510) 365-2689 • alshalalazahraa@gmail.com

SUMMARY

Data Engineer specializing in Python automation, cloud-native ETL workflows, and enterprise API integrations.

Experienced in building scalable pipelines using GCP Cloud Functions, SQL-based validation workflows, and multi-system data automation across telecom and operations environments.

TECHNICAL SKILLS

Python, SQL, JavaScript, R • ETL Pipelines • GCP (Cloud Functions, Cloud Run) • REST APIs

• Pandas

BigQuery • Flask, Django, Express.js • Quickbase API, Box SDK, Slack API • Git, Docker, CI/CD TensorFlow, PyTorch, Scikit-learn • GIS Automation • Workflow Automation

EXPERIENCE

Integration & Automation Engineer — The CBR Group (2024–Present)

- Built scalable ETL pipelines using Python + GCP Cloud Functions for telecom and operational data.
- Developed multi-system integrations via REST APIs (Quickbase, Box, Slack, Verizon FUZE, T-Mobile MB).
- Designed SQL-driven validation frameworks improving data reliability and automation accuracy.
- Created automated workflows to streamline project management and analytics operations.
- Integrated GIS tools for spatial data analysis and automated reporting workflows.
- Developed ML prototypes for predictive and classification modeling.

Pharmacy Technician — CVS Pharmacy (2018–2024)

- Processed prescriptions, ensured data accuracy, resolved insurance claims, and supported compliance workflows.

Pharmacy Clerk — CVS Pharmacy (2016–2018)

- Supported front-end operations, patient interaction, and billing system workflows.

EDUCATION

B.S. Applied Mathematics (Data Science Emphasis) — San Francisco State University (2016–2023) Web Development Certificate — UC Berkeley Extension (2020)