Zahraa Alshalal

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SUMMARY

Python & Cloud Automation Engineer specializing in API integrations, cloud-native workflow automation, and scalable backend systems. Experienced in building ETL pipelines, automating enterprise workflows, and optimizing system performance across telecom and operational environments.

TECHNICAL SKILLS

- Python, SQL, JavaScript, R
- Google Cloud Functions, Cloud Run, REST APIs
- Pandas, Data Pipelines, ETL Workflows
- Flask, Django, Express.js
- Quickbase API, Box SDK, Slack API
- TensorFlow, PyTorch, Scikit-learn
- Git, Docker, CI/CD, Automation Scripting
- GIS Tools, Workflow Automation, Data Validation

EXPERIENCE

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

- Built automation pipelines using Python + GCP Cloud Functions for telecom data processing.
- Integrated enterprise systems through REST APIs (Quickbase, Box, Slack, Ariba, Verizon FUZE, T-Mobile MB).
- Developed SQL validation workflows ensuring data accuracy and pipeline reliability.
- Designed QuickBase applications to streamline project and operational workflows.
- Refactored and debugged backend systems, improving performance and reliability.
- Integrated GIS tools for ML-based geospatial analysis.
- Prototyped ML-driven automation using TensorFlow, Scikit-learn, and PyTorch.

Pharmacy Technician — CVS Pharmacy (2018–2024)

- Fulfilled prescriptions, resolved insurance claims, and ensured compliance in daily operations.

Pharmacy Clerk — CVS Pharmacy (2016–2018)

- Delivered customer service, handled billing, and supported pharmacists with documentation.

EDUCATION

Bachelor of Science in Applied Mathematics (Data Science Emphasis) — San Francisco State University (2016–2023)

Web Development Certificate — UC Berkeley Extension (2020)