

Peter Luro

Avon, CT 06001

✉ peter.luro1@gmail.com

☎ (978) 621-9450

— OBJECTIVE —

Seeking a Data Engineering role where I can apply my expertise in data management and analytics to deliver actionable insights, build scalable solutions, and support data-driven decision-making.

— EDUCATION —

Bachelor of Science in Computer Science
Worcester Polytechnic Institute (WPI)

2019

— WORK EXPERIENCE & PROJECTS —

- Software Engineer, Talcott Resolution, Hartford CT June 2023 - Present
 - ETL Automation: Automated nightly hedging ETL pipelines via AutoSys, Oracle ingestion, and Azure Batch triggers.
 - Led Oracle-to-Azure migration: configuring Oracle Wallets, recreating DB roles/privileges, and developing Python scripts to automate procedures and validate the new Azure environment.
 - Reporting Migration: Migrated Excel-based reports to CI/CD SQL pipelines.
 - Web Platform: Created full-stack tool for trade and settlement entry.
 - AI Research: Led AI and innovation research for Power BI reporting. Presented POC & proposals to senior leadership.
 - Data Quality Auditing: Built a reusable Python system to detect discrepancies in financial datasets.
- Software Engineer, Optum TDP, Boston MA 2020 - 2023
 - ASR Model Training: Wrote Python ETL pipelines to prepare WAV audio data for Azure ML ASR model training.
 - Data Preparation: Led segmentation strategy for training optimization.
 - Vulnerability Scanning: Automated Jenkins jobs to run Azure Defender scans and send email alerts.
 - Identity Analytics: Implemented OAuth tracking and published dashboards.

— ADDITIONAL PROJECTS —

- Stock Trading Application 2019 - Present

Developed personal Python scripts to monitor markets and automate trades in GCP using crontab. This functionality includes:

 - Pulling stock picks and news from external APIs.
 - Screening tickers for breakouts.
 - Scraping real-time prices using Requests & BeautifulSoup.
 - Executing orders via Alpaca API with SMS alerts.

— SKILLS —

- **Languages:** Python (7 yrs), SQL (6 yrs), Java (4yrs), JavaScript (4yrs), React (4yrs)
- **Cloud & Tools:** Azure (Portal, DevOps, Batch, Databricks), GCP; AutoSys, Jenkins, Docker, Kubernetes
- **Visualization:** Power BI, Figma | **Other:** GitHub, Terraform, Postman, PyCharm, VS Code

— CERTIFICATIONS —

Microsoft: Azure Fundamentals
Snowflake SnowPro Core (In Progress)