Li Wei

Python / ETL Engineer

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Professional Summary

Mid-Level Python / ETL Engineer with 4 years of experience designing and deploying ETL pipelines, integrating APIs, and automating reporting workflows. Experienced in SQL, Python, Airflow, and business intelligence dashboards.

Technical Skills

- Python (Pandas, NumPy, CSV, JSON)
- SQL (MySQL, PostgreSQL, Oracle)
- ETL Pipeline Design Automation
- Airflow / Luigi DAGs
- Data Cleaning, Validation, Transformation
- Excel, Tableau, Power BI
- REST API Integration

Professional Experience

Beijing Data Solutions Ltd.   Beijing, China
Python / ETL Engineer   Mar 2019 – Present

- Designed ETL pipelines integrating CRM, ERP, and API data into centralized PostgreSQL warehouse
- Automated daily sales and inventory reports reducing manual effort by **50%**
- Built Airflow DAGs for scheduling data workflows and monitoring
- Created dashboards in Tableau for operations and finance teams, improving decision-making
- Optimized Python ETL scripts to reduce processing time by **30%**

Data Analytics Intern — Shanghai Tech   Jun 2018 – Feb 2019

- Assisted in building ETL pipelines and cleaning datasets for marketing analytics
- Developed scripts for automating weekly KPI reports

Education

Bachelor of Engineering — Computer Science   2018
Tsinghua University, Beijing, China

Certifications

- Python for Data Engineering — Udemy
- SQL Database Management — Coursera
- Apache Airflow Fundamentals — DataCamp