

Niran Phong

Lead Python / ETL Engineer / Team Lead

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Professional Summary

Lead Python / ETL Engineer with 10+ years of experience managing ETL projects, designing enterprise-grade data pipelines, and leading teams to deliver analytics solutions. Skilled in Python, SQL, Airflow, data governance, and dashboard automation.

Leadership & Technical Skills

- Team Leadership Mentorship
- Python (Pandas, NumPy, JSON, CSV)
- SQL, Data Warehousing (Redshift, PostgreSQL)
- ETL Pipeline Design Optimization
- Airflow / Luigi / Workflow Automation
- REST API Integration
- Data Quality Validation
- Tableau / Power BI Reporting

Professional Experience

Bangkok Data Solutions

Lead Python / ETL Engineer

Bangkok, Thailand

Jan 2013 – Present

- Led a team of 8 engineers building enterprise ETL pipelines for e-commerce and finance clients
- Designed automated pipelines integrating APIs, ERP, CRM, and CSV/JSON data
- Reduced ETL runtime by **45%** through optimization and parallelization
- Implemented data validation and monitoring framework ensuring **99% accuracy** in production
- Delivered automated dashboards in Tableau and Power BI, enabling real-time business insights
- Mentored engineers in Python best practices, Airflow, and SQL optimization

Senior ETL Engineer — Chiang Mai Analytics

2010 – 2012

- Built ETL scripts and automated workflows for customer and inventory data
- Created reporting solutions for stakeholders, reducing manual reporting by 30+ hours/month

Education

Bachelor of Engineering — Computer Science
Chulalongkorn University, Bangkok, Thailand

2010

Certifications

- Python for Data Engineering — Udemy
- Advanced SQL Data Warehousing — Coursera
- Apache Airflow Expert — DataCamp