



TRUONG MINH DUOC

Analytics Engineer

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Viet Nam

[Github](#)

[LinkedIn](#)

[Portfolio](#)

ABOUT ME

I am a proactive and passionate learner, always interested in solving complex technical challenges. With good teamwork ability and team support spirit, I am constantly improving my professional skills with the goal of reaching Middle level in the next 2-3 years.

EXPERIENCE

Analytics Engineer Fresher *The ALAB Data Technology* 10/2024 - Present

- **Human Resource Management System**
 - Developed comprehensive HRMS dashboards and reports supporting business decision-making across HR, Finance, and Operations departments
 - Built complex SQL queries with optimization techniques to integrate and analyze data from various sources, including Lark Suite APIs
 - Designed and implemented database structure optimized for advanced analytics and BI reporting
 - Created interactive Tableau dashboards to visualize HR KPIs and operational trends for non-technical stakeholders
 - Automated data integration processes from Lark Suite into centralized analytics systems using Python ETL pipelines
 - Implemented role-based data access controls ensuring data security and consistency across multiple user groups
- **Automated Coursera Course Data Collection and Processing System**
 - Designed and implemented end-to-end data pipeline from external source collection to storage and BI analysis
 - Applied advanced data cleaning and transformation techniques using Python Pandas to ensure data quality and consistency
 - Automated ETL processes using batch scripts and Windows Task Scheduler,
- **AI-Powered HR Assistant with Retrieval-Augmented Generation (RAG)**
 - Built semantic similarity search system using vector embeddings for intelligent business query processing
 - Applied statistical analysis techniques to monitor system performance and accuracy metrics
 - Analyzed query patterns to optimize dashboard response capabilities and user experience

Analytics Engineer Intern *The ALAB Data Technology* 4/2024 - 9/2024

- Analyzed sales data and built dashboards to track KPIs in sales management application
- Developed ETL tools to automate attendance data collection and processing from Lark Suite
- Analyzed work schedule data to optimize personnel allocation and work efficiency
- Contributed to company website development using WordPress

SKILLS

- **Programming:** Python, SQL
- **Framework:** Django
- **Language:** English
- **Data Visualization:** Tableau, Matplotlib, Seaborn, D3.js
- **Web Scraping:** Selenium, BeautifulSoup
- **Other:** RAG, React, Machine Learning, Statistical Analysis,...

EDUCATION

E-commerce

Da Nang University of Economics

2021 - 2025

CERTIFICATES

- [Google Data Analytics](#) 5/2024
- [Google Advanced Data Analytics](#) 4/2025