Nguyen Dinh Minh Toan

Ho Chi Minh City [redacted] [redacted] toanndm

Education

BS **University of Information Technology - VNU HCM**, Computer Science — Aug 2021 – Aug 2024

- GPA: 3.3/4.0

Experience

HQSOFT - Distribution and Retail Solution Expert , Back-end Developer — Mar 2024 – Aug 2024

- Design and develop backend services, APIs, and data processing systems for ERP software.
- Develop RESTful APIs to facilitate integration between ERP modules and external systems.
- Collaborate closely with frontend, QA, and business analysts to meet technical and business requirements.

JAPFA Comfeed Viet Nam, Data Engineer & Business Intelligence — Sep 2024 – Present

- Integrate data from SAP, Amino MTech, and in-house software into Snowflake Data Warehouse, ensuring accuracy, integrity, and performance optimization.
- Develop and manage data pipelines using Snowflake and SQL, automating data ingestion, transformation, and processing.
- Design and optimize data models in Snowflake to support business intelligence and decision-making.
- Collaborate with business partner to meet analytical and reporting requirements.
- Build reports and dashboards on Qlik Cloud, providing business users with actionable insights.
- Ensure data security and access control, complying with company data governance policies.
- Continuously monitored and improved data flow and dashboard performance to ensure real-time data access and a seamless user experience.
- Troubleshot and resolved issues related to data integration, dashboard performance, and data quality, providing effective solutions.

Skills

Programming & Scripting: Python, SQL, Java, C++

BI & Data Visualization: Qlik Cloud, Qlik Sense, Power BI

Cloud & Big Data: Snowflake, Oracle, Azure

Task management: Scum Agile, Azure Devops

Projects

Course Dropout Prediction System:

- Predicts student dropout rates in online courses using MOOC datasets and machine learning. Analyzes learning behavior and participation to help educators reduce dropouts and improve education quality.

Webcam-Based Eye Tracking for Browser Applications:

- This project replaces traditional infrared systems with a webcam-based solution using Google's MediaPipe. It detects eye boundaries, maps pupil positions via linear regression, and self-calibrates with user interaction data, making eye tracking more accessible and cost-effective.