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# HUYNH THIEN NAM

(Leo Huynh)

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## PROFILE SUMMARY

I bring over 3 years of experience designing and maintaining robust data pipelines, with a strong foundation in both Data Engineering and Analytics. My expertise spans building ETL workflows, managing cloud-based data lakes and warehouses (e.g., AWS, Redshift, S3), and transforming raw data into structured formats ready for analysis. I'm proficient in Python, SQL, and working with modern data tools like **dbt**, **AWS Glue**, and **Apache Spark**. With a track record of working in Agile environments, I combine engineering best practices with a data-driven mindset to support scalable, high-impact solutions for business teams.

## PROFESSIONAL EXPERIENCE

### LARION (Nov 2023 – Now)

**Role: Analytics Engineer; Ho Chi Minh City, VN**

- Designed and implemented a cloud-native big data architecture on AWS, leveraging Redshift, S3, Glue (Apache Spark), and dbt to build a scalable data warehouse supporting analytics and BI across marketing, operations, and finance domains.
- Developed and optimized batch pipelines using Spark on AWS Glue, processing large volumes of data from MySQL Aurora. Techniques included parallel reads, repartitioning, and S3 write tuning for performance and scalability.
- Orchestrated end-to-end ETL workflows via AWS Step Functions, automating extraction, loading, transformation, and downstream dependencies in Redshift.
- Built modular dbt data models with a dimensional modeling approach, following best practices in layered architecture (staging, intermediate, marts) to ensure maintainability and reusability.
- Maintained data governance standards by implementing data quality tests, schema validations, and documentation through dbt and a central data dictionary.
- Enabled data observability and SLA monitoring, improving ETL reliability and reducing runtimes for all pipelines.
- Collaborated directly with stakeholders in Australia to deliver actionable insights via AWS QuickSight dashboards (App Performance, Customer Behavior, Transactions), empowering data-driven decision-making.
- Familiar with streaming architecture design, and exploring real-time data monitoring using Apache Flink on AWS to enhance customer-facing analytics in transactional systems.

### HSV GROUP (Feb 2022 – Nov 2023)

**Role: BI Engineer; Ho Chi Minh City, VN**

- Collaborated cross-functionally to design and implement a robust Business Intelligence system, enabling the organization to effectively monitor performance and support strategic growth initiatives.
- Partnered with stakeholders across Finance, E-commerce, and Logistics to identify key metrics and translate business needs into data-driven solutions using modern BI tools.

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- Built and maintained interactive dashboards using Power BI and Tableau, delivering insights into financial health, market trends, and operational efficiency.
  - Developed and maintained a centralized data warehouse on Amazon Redshift, leveraging dbt (data build tool) to implement modular, well-documented, and scalable data models.
  - Streamlined analytics workflows by using dbt to automate data transformation layers, improving data accuracy, transparency, and reusability across the business.
  - Delivered actionable recommendations based on in-depth data analysis, leading to measurable improvements in operational processes and resource allocation.
  - Ensured data system reliability by upholding high standards of data accuracy, consistency, and freshness, supporting timely and informed decision-making.

## STACK SUMMARY

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- Programming Languages: Python, SQL, and Big Data, Spark
- Tool: AWS Redshift, AWS S3, AWS Glue, AWS Quicksight, Tableau, Power BI Desktop, Power BI Service, DAX Studio, DBT (data build tool).
- Specialties: Data, Software Engineering, and Cloud (Azure, AWS) infrastructure.

## EDUCATION BACKGROUND

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- Foreign Trade University HCMC – Ho Chi Minh City, VN Aug 2018 – May 2022

## LANGUAGE SKILLS

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- **English:** Professional proficiency
- **Vietnamese:** Native

## CERTIFICATES, HONORS AND AWARDS

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- [Databrick Associate Data Engineer Certification](#)
- [Certificate of Accomplishment – SQL \(Advance\)](#)
- Coursera- Google Business Intelligence
- Coursera- Google Data Analytics
- IBM – ETL and Data Pipelines with Shell, Airflow and Kafka