

# Quang Trinh

Delivery Manager & Solution Architect | Rackspace Technology

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## Summary

- Experienced Delivery Manager and Solution Architect specializing in Data Platforms with over 9 years of expertise in designing scalable solutions.
- Combines a background in Finance and Banking with technical expertise in Data Lakehouse design, Apache Spark, data governance, and cloud computing. Skilled in building data pipelines, ensuring data quality, and delivering production-ready solutions aligned with regulatory standards.
- Additionally experienced in developing demo generative AI applications. Strong communicator, bridging technical and business needs to drive impactful outcomes.

## Experience

### RACKSPACE TECHNOLOGY

#### *Delivery manager*

Apr 2021 - Present

- Defined project scope, goals, deliverables and detailed project plans in collaboration with stakeholders.
- Monitor project progress and ensure timely execution of milestones.
- Identify and mitigate project risks while ensuring adherence to budget and timelines.
- Designed and implemented scalable, high-performance data platforms using Azure Infrastructure, Databricks, and Microsoft Fabric Ecosystem.
- Built robust ETL frameworks for diverse data sources (SAP, Oracle Fusion, RDB, IoT devices), ensuring optimal performance and data quality.
- Led innovation initiatives in Microsoft Fabric and Power BI adoption, delivering advanced analytics and operational reporting solutions.
- Mentored team members, fostering a culture of continuous improvement and technical excellence.
- Improved internal processes, boosting project management and operational effectiveness.

## PROJECTS

### **ZINGHR – Fabrics and Copilot POC**

India | Aug 24 – Nov 24

- Engineered and deployed a robust ETL framework for Fabrics leveraging cutting-edge tools
- Seamlessly integrated data from 03 SQL Server databases encompassing 14 raw tables into a centralized data ecosystem.
- Developed 16 optimized tables to support high-performance reporting and analytics.
- Delivered actionable insights through Attrition Analysis and Headcount vs Cost Analysis reports, empowering data-driven decision-making.
- Demonstrated advanced analytical capabilities using Copilot, addressing complex client queries with precision and clarity.

### **MIRAL – Oracle Onboarding**

UAE | Jan 24 - Current

- Designed and implemented a Data Lakehouse solution leveraging the Databricks ecosystem to enhance data processing and analytics capabilities, resulting in a 70% increase in data retrieval efficiency for client-facing applications.

- Integrated 118 raw tables across three core modules: Finance, Procurement, and HR, into a unified data architecture.
- Advised the client on adopting an innovative integration approach (Oracle Fusion - BICC replacing BIP), achieving a 50% reduction in pipeline processing time.
- Led a team of 8 engineers to build 45 curated tables tailored for high-performance reporting.
- Developed 8 Power BI reports, delivering actionable insights through Financial Performance, AR/AP Reconciliation, Fixed Asset Analysis, Procurement Analysis, and HR Analysis.

#### **PVCFC – ERP Data Platform**

Vietnam | Mar 23 – Dec 23

- Architected a robust Data Warehousing solution, achieving an 80% reduction in data processing time and enhancing data availability to T-1.
- Led a team of 06 Data Engineers to integrate data from diverse sources, including SAP ECC (Modules: SD, MM, WM, FI, CO, PP, PM), Oracle DB, MongoDB, SQL Server, and Excel files. Delivered a comprehensive solution consisting of 355 ingested source tables, 85 curated tables, 6 centralized datasets, and 18 operational and analytical reports.
- Designed and implemented an advanced ETL Framework, a Testing Framework, and a checksum program to improve data quality and enhance monitoring of jobs, job instances, and pipeline statuses.
- Implemented Data Dictionary, Data Lineage, and Data Governance solutions using Azure Purview, enabling end-users to perform self-service reporting and reducing data asset discovery time by 70%.
- Designed and deployed CI/CD solutions using Azure DevOps to automate the build and deployment processes for Synapse Pipelines and Synapse Dedicated Pools.

#### **VENTURES – Data Warehouse Migration**

Singapore | Sep 22 – Feb 23

- Directed the implementation of a Data Lakehouse solution with a team of 4 Data Engineers, integrating SAP ECC into Databricks and migrating reporting capabilities from QlikView to Power BI. Delivered 2 centralized datasets, 18 comprehensive reports, and 60+ streamlined ETL workloads.
- Designed and deployed 20+ Azure Data Factory pipelines to efficiently process over 15 million records sourced from SAP ECC, SAP TCodes, SQL Server, and Excel.
- Re-engineered 60+ ETL workflows from Qlik VBScript, SAP TCodes, and Excel into Azure Databricks, achieving a 70% boost in productivity, an 80% reduction in processing time.

#### **GRAB – Tableau Migration**

Singapore | Apr 21 – Sep 22

- Led a BI migration with 05 Data Engineers from Snowflake to Databricks and Tableau to Power BI, conducting gap analysis and consolidating 180+ Tableau reports into 06 centralized datasets, while migrating 300+ ETL workloads.
- Developed automated utilities for report parsing (*repos*), migration, and lineage (*repos*), reducing migration time by 30%.
- Collaborated with 12 workstreams to gather requirements, create migration strategies, and deliver 18+ Power BI training sessions.
- Re-modeled datasets to align with a centralized approach, applying OLS and RLS to enhance security and reduce reconciliation time between departments by 50%.

#### **SHOPEE**

##### **Senior Business Intelligence Analyst**

Singapore | Jun 20 – Apr 21

- Engineered PySpark scripts to efficiently query and analyze extensive datasets from diverse sources, including Excel, Presto, and third-party APIs.
- Designed and developed Power BI reports, dashboards, and ad-hoc queries to provide insights on 3PL reconciliation, financial performance, inventory management, cash flow forecasting, and voucher utilization.

- Partnered with Finance Controllers, HQ Finance Analysts, and local operations teams to align technical solutions with business objectives, reducing reporting time by 80%.

## ATHENA SYSTEM

*Data Analyst*

Spain | Sep 18 – Jun 20

- Managed operations for five hedge funds based in Hong Kong and Singapore, with Assets Under Management (AUM) ranging from USD 150 million to USD 220 million.
- Designed, developed, and supervised automated trading reports, custodian reconciliation processes, performance reports, asset valuation, and trade compliance frameworks.
- Conducted ad-hoc performance analysis and risk assessments to meet diverse client requirements.
- Collaborated with internal teams across Madrid and Boston, as well as external clients, to resolve data-related issues efficiently.

## VIETCOMBANK – Ho Chi Minh City Branch

*Relationship Manager*

Jun 17 – Sep 18

## DELOITTE

*Audit Associate*

Sep 15 – Mar 17

## Certification

### Advanced Certification

- Azure Solutions Architect Expert ([Credential](#))
- Databricks Data Engineer Professional ([Credential](#))
- Azure Cosmos DB Developer Specialty ([Credential](#))
- AWS Data Engineer ([Credential](#))
- Astronomer Certification for DAG Authoring for Apache Airflow ([Credential](#))

### Associate Certification

- Azure Data Engineer ([Credential](#))
- Fabrics Analytics Engineer ([Credential](#))
- Azure Administrator ([Credential](#))
- Azure Enterprise Data Analyst ([Credential](#))
- PCAP – Certified Associate in Python Programming ([Credential](#))
- Astronomer Certification for Apache Airflow Fundamentals ([Credential](#))

## Skills

- Technical Proficiencies: Data engineering tools (e.g., Apache Spark, Airflow, dbt, Fabrics, Azure stack), data platform architecture, data modeling (dimensional and data vault), and cloud platforms (Azure, AWS).
- Analytics Expertise: Financial Modelling, Process Automation, Linear Regression & Predictive Analytics.
- Soft Skills: Effective communication, stakeholder collaboration, problem-solving, and strategic thinking.

## Education

**HO CHI MINH UNIVERSITY OF BANKING**

Vietnam | Sep 11 – Jun 15

Bachelor of Finance and Banking. GPA: 8.42/10

Thesis: *The factors influenced the cash holdings and the effect of trade credit to the Vietnamese's cash holdings in the period from 2010 to 2013* ([link](#))