

DAN PHAM (Ms.)

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<https://www.linkedin.com/in/dan-pham>

KNOWLEDGE & SKILLS

- SQL (Postgres/Oracle/SQL Server...), NoSQL (MongoDB, Cassandra, GraphQL)
- AWS (Redshift, S3, ECS, ECR, SageMaker, IAM, CLI, Athena), GCP (Big Query, GCS, Google Analytics)
- Python, PySpark, AirFlow, Terraform, Git, Docker, Linux, Scrum/Agile, Jira
- Tableau, PowerBI, Quicksight, Domo, Superset
- Other: R, Scala, Spark, Hadoop, Hive, Pig, HTML/CSS, Segment

WORK EXPERIENCE

Data Engineer II | Amazon

Apr 24 - Present

Toronto, ON, Canada

Spark SQL - Python - S3 - Redshift - Glue - Step Function - Cloudwatch - EventBridge

- Build ETL pipeline to generate input signals for foundational forecasting models
- Develop data quality mechanism including alarms, recovery workflows, and automated monitoring of large-scale events
- Ensure full compliance to privacy and governance regulations across all pipelines and datasets

Business Intelligence Engineer II | Amazon

Aug 22 - Mar 24

Toronto, ON, Canada

Spark SQL - Redshift - Quicksight - Python

- Owned analytics and reporting for AMZ Beauty Tech space (US & global)
- Standardized metrics, A/B testing methodologies & process for product launch evaluation
- Designed and transformed multi source datasets into ML-ready features for experiment and production

Senior Data Engineer | MOZ

May 22 - Aug 22

Business Intelligence Engineer | MOZ

May 21 - April 22

Toronto, ON, Canada

Redshift - Tableau/Domo - Python - ECS - Terraform - Git - Segment/Stripe - Datadog

- Led the maintenance and development of the tech stack within DE/BI department
- Standardized event-level transactional data into analytics-ready dataset consumed across the company
- Refactored tables and ELT jobs into more scalable and manageable framework, design and combine data from all products into a single foundational framework that feeds all reports and dashboards
- Designed, migrated and refactored company-wide dashboards and reports

Senior Data Analyst | RATESDOTCA

Sep 20 - May 21

Toronto, ON, Canada

ELT - GCP - Python - Tableau

- Architected the design and solutions to ensure flexibility and scalability of reporting framework
- Partnered with product, operations and executive leaders to translate business needs into actionable analytical solutions
- Managed ELT jobs across all properties and all lines of business: auto, property, mortgage, credit card

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Data Analyst | RATESDOTCA

Jun 19 – Aug 20

Toronto, ON, Canada

Tableau – Oracle/SQL Server/Athena/Azure/Big Query

- Researched, analyzed, interpreted, and reconciled data requests from stakeholders across all departments: marketplace, marketing, brokerage, sales & service, operation, call center
- Designed, built and automated reports and analyses including KPIs, competitive ranking, conversion funnel, renewal, cancellation, brokerage commission model, agent performance

Business Intelligence Lead | LETS-STOP-AIDS Charity

Jan – Dec 19

Toronto, ON, Canada

Business Analyst | CHOTOT.VN

Aug 17 – Jul 18

Ho Chi Minh city, Vietnam

Postgresql – Amazon Redshift – Airflow – Tableau/Superset

- Built dashboards, automated reporting systems to keep track of KPIs performance and investigate issues
- Developed predictive models and business proposals to implement new products and services
- Conducted survey and market research, developed quantitative and qualitative analyses
- Performed annual market sizing, budgeting, pricing, customer segmentation and other ad-hoc analyses

Achievements & Awards

- Standardized and automated reporting system of the business department
- Analyzed and executed the Listing Fee and Users Re-Entitlement project in ChoTot's major strategy in 2018, which resulted in more than 200% revenue increase within two months since implementation
- Best Employee Q4 2017, Q1 2018 & Q2 2018

Business Analyst | EXE E-COMMERCE SOLUTIONS

Mar 16 – May 17

Ho Chi Minh city, Vietnam

Marketing Analyst | GARENA ONLINE

May 14 – Apr 15

Ho Chi Minh city, Vietnam

Digital Marketing Campaign Analyst | PROJECT LANA E-COMMERCE

Nov 13 – Apr 14

Ho Chi Minh city, Vietnam

EDUCATION, CERTIFICATION & TRAINING

AWS Certified Data Engineer | AMAZON WEB SERVICES

Feb 25

AWS Certified Solutions Architect Associate | AMAZON WEB SERVICES

Oct 21

Data Engineering Nanodegree | UDACITY

Feb 21

Tableau Desktop Certified Associate | TABLEAU

Dec 20

GCP Big Data and Machine Learning Fundamentals | GOOGLE CLOUD – Online Course

Dec 19

Big Data Analytics Post-Grad Program | GEORGIAN COLLEGE – Barrie, ON, Canada

Aug 18 – Apr 19

Int. Business Administration – Bachelor's Degree | FOREIGN TRADE UNIVERSITY – Vietnam

2010 – 2014

EXTRA CURRICULAR ACTIVITIES

Hack The Valley III, University of Toronto – Toronto, ON, Canada – Best Use of API

Feb 19