

Martin Graham

Principal Architect, Google

CONTACT

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 LinkedIn Profile

TECHNICAL SKILLS

Cloud & GCP Services

BigQuery, Cloud Storage, Cloud Functions, Pub/Sub, Dataproc, Cloud Composer, Vertex AI

AI / ML

Google Cloud Generative AI

Programming

Python, SQL

BI & Data Viz

QlikView, Looker Studio, Looker

LEARNING AND TRAINING

Unum Advanced Leadership Program

Columbia School of Business - Implementing Winning Strategies

AWARDS

2024: Google Cloud Club Award

2021-2025: Google Peer & Spot Bonuses

2018: Unum Aspire Award

2015: Level IV Spotlight Award

2007: Duke University Hospital Coordinator of the Year

OPEN SOURCE

Datagrunt (Creator)

 Docs  GitHub

Professional Experience

Principal Architect

Aug 2021 - Present

Google

Promoted to Principal Architect (Jan 2023) to lead architectural design for complex data solutions on Google Cloud for top enterprise customers.

Serve as a senior technical authority on Google Cloud's data and AI platforms, advising C-level executives on digital transformation and GenAI strategy.

Function as a SME for data engineering, influencing both customer-facing and internal engineering teams.

As a Senior Customer Engineer (Aug 2021 - Jan 2023), specialized in migrating legacy data warehouses to BigQuery and accelerating customer adoption of GCP.

Staff Software Engineer

Feb 2021 - Aug 2021

Macy's

Helped to architect and lead the migration of a petabyte-scale Teradata enterprise data warehouse to Google BigQuery.

Designed and implemented a standardized data ingestion platform to migrate on-premise systems to GCP.

Revitalized a stalled data ingestion platform project, advancing its status from 'yellow' to 'green' by resolving key infrastructure gaps.

Director of Data Engineering

Sep 2019 - Feb 2021

FreightWaves

Managed and mentored a team of four data engineers, establishing PEP8-based code style guides and a GitHub-based workflow.

Architected and directed the corporate migration to Google Cloud Platform (GCP) to enhance data security and leverage advanced data science tools.

Engineered scalable ETL/ELT data pipelines on GCP to support the flagship SaaS product, SONAR.

Lead Data Engineer / BI Programmer

Jan 2013 - Sep 2019

Unum Group & Colonial Life (subsidiary)

Lead Data Engineer (Feb 2017 - Sep 2019)

Developed a data matching engine from the ground up in Python, significantly increasing the quality of marketing leads and intelligence.

Initiated and led an enterprise-wide, executive-sponsored project to build a dedicated data science environment.

Led a digital marketing project to build a datastore in Google BigQuery for advanced reporting on lead generation performance.

Business Intelligence Programmer (Jan 2013 - Feb 2017)

Developed applications to administer over \$2.5M+ in annual sales bonuses.

Initiated and built a QlikView data library of over 500 million records, reducing team's turnaround time by 50%.

Automated weekly sales reports with Python and SQL, achieving a 75% reduction in processing time.