

# Mohammed Thambi

Senior Consultant

## Profile

Mohammed is a highly skilled Technical Senior Data Consultant with over 12 years of experience. Visionary and innovative, Mohammed is a seeker of new challenges allowing him to showcase his technical background, customer focus, creativity, passion and leadership skills.

Mohammed is a GCP guru holding certifications as a Google Cloud Professional Data Engineer, Cloud Architect, Cloud Security Engineer and Machine Learning Engineer. With experience across a broad range of industries including Financial Services, Property & Construction and Wholesale & Retail Mohammed has proven expertise in Dataflow, Data Engineering, Data Migration and Solution Design.

Mohammed is a sharp and novel thinker with formidable problem-solving and analytical skills coupled with well-developed and commendable work ethic. He demonstrates excellent interpersonal skills and ability to resolve complex software problems.

## Key Skills & Technologies

- Google Cloud Platform
- Data Engineering
- Data Wrangling
- Data Modelling
- Data Visualisation
- Azure
- Strategic Planning
- System Integration
- Machine Learning
- Deep Learning
- Change Management
- Stakeholder Management
- Dataflow
- SAP
- Python
- SQL
- Tableau
- Power BI
- Power Automate
- Terraform
- Linux
- Unix
- TensorFlow
- Apache
- GIT

# Consultant Profile

## Selected Project Experience

### Major Property & Construction Company – GCP Data Engineer

- Architected and Designed Scalable dynamic masking solution as single entity integrated solution to any HTTPS Rest API act as portable, codeless and serverless architecture in FAAS service to deidentify PII data from any AI and bots service
- Developed OpenAPI Spec to authenticate and authorize Google API Services to secure data transfer from external system using API Gateway
- Developed codeless configuration template setup to analyse and redact PII data sensitivity from text and image
- Building batch and streaming data ingestion pipelines using Google Cloud native and open-source tools and services. Leveraging Google Cloud api services such as DLP api to achieve data privacy outcomes.
- Architected and developed scalable data ingestion pipeline from Google Cloud Storage bucket to BigQuery using Cloud Function and Cloud Composer
- Designed and developed orchestration framework using GCP workflow and Airflow

### Major Australian Wholesaler – Senior Data Engineer

- Senior contributing member, worked closely with Google consultants on the newly built Data Platform in Google Cloud Platform.
- Designed and developed BQ data model with recommended Optimisation techniques and controlled access using authorised views.
- Designed and developed workflow orchestration framework using Cloud Composer and Apache Airflow
- Automate BQ reservation API to optimize data load mechanism and reduce cost.
- Developed Kubernetes cluster and deployment for recurring process using build.
- Developed Cloud run service to invoke using pub sub and composer for data load

### Global Consulting Company – Senior BI Developer

- Implemented end to end solution in SAP BW for newly acquired retail brands
- Convert business requirements and use case from business users and stakeholders to application system and Reporting.
- Develop and implement Project plan, tracker and responsible for Production Cutover and built business reports using Bex tools for senior management.
- Involved in all stages of implementation during the time of Blueprint, tech spec, functional spec, efforts estimation.



## Industry Experience

- Financial Services
- Property & Construction
- Wholesale & Retail

## Certification

Google Cloud Certified | Professional Data Engineer

Google Cloud Certified | Professional Cloud Architect

Google Cloud Certified | Professional Cloud Security Engineer

Google Cloud Certified | Professional Machine Learning Engineer

Microsoft Azure Certified | Azure Fundamentals

Bachelor – Engineering, Electrical, Crescent Engineering College

