William Luo

Data Engineer

I aim to leverage my expertise in data engineering to drive impactful insights and innovations that contribute to solving real-world problems and advancing technology

williamluo97@outlook.com LinkedIn

WORK EXPERIENCE

ANZx
July 2023 - Present

Data Engineer

1. Design and Build ETL Pipelines: Developed robust GCP ETL pipelines to ingest high volume customer and transaction data, ensuring reliability and scalability.

2. DevOps with GitHub, HCL, Terraform: Used building block DevOps architecture for GCP services to streamline deployment across environments by leveraging GitHub workflows.

3. Data Modelling and Visualisation: Performed data modelling using DBT and deployed interactive Tableau dashboards for analytics and decision-making.

4. Test Engineering and API Development: Created custom unit and integration test suites for ETL processes and developed customer facing and internal APIs to meet business needs .

ANZ
Feb 2022 - July 2023

Cloud Engineer

1. Cloud Engineering on GCP: Designed and optimized GCP infrastructure such as ETL processing and database design,driving cost savingsand performance enhancements.

2. Data Governance: Developed service for internal systems for modelling distributed web applications and performing data classification to meet APRA requirements

EDUCATION

February 2020 – December 2021
Graduate Diploma in Data Science
University of Melbourne

February 2016 – July 2019
Bachelor of Commerce,
Finance & Economics
University of Melbourne

SKILLS

Cloud Platforms: Amazon Web Services, Microsoft Azure, Google Cloud Platform
Languages: Python, Java, SQL, GoLang
Web Dev: HTML/CSS, Flask
DevOps: Docker, Terraform, Jenkins
Data Tools: Apache Kafka, Apache Beam, DBT
Version Control: Git, GitHub, GitLab
Other: Hashicorp, yaml, q, Postman, Artifactory

CERTIFICATIONS

Google Cloud Certified

Professional Data Engineer Certification

LANGUAGES

English: Native Proficiency
Chinese: Business Proficiency