

## Contact

[www.linkedin.com/in/felix-liu-53326584](https://www.linkedin.com/in/felix-liu-53326584) (LinkedIn)

## Top Skills

Computer Science

Apache Kafka

Apache Airflow

## Languages

Chinese (Native or Bilingual)

English (Professional Working)

Spanish (Elementary)

## Certifications

Google IT Automation with Python (Specialization)

Azure Fundamentals (AZ-900)

Databricks Lakehouse Fundamentals

Scrum Fundamentals Certified (SFC)

# Felix Liu

Data Engineer | AWS | Azure  
Sydney, New South Wales, Australia

## Summary

Experienced Data Engineer with demonstrated history of working with different technologies and in different industries. Completed end to end design and development of reporting centre and data warehouse, built and enhanced reliable data pipelines for downstream consumption, proficient in various languages and cloud engineering.

## Experience

### Macquarie Group

#### Senior Data Engineer

July 2022 - Present (3 years)

Sydney, New South Wales, Australia

Macquarie Group Limited is an Australian global financial services group.

- Airflow, Argo CD, Argo Workflow
- AWS, Docker, S3, Kubernetes(EKS), ECR, Kafka(MSK), Redshift
- Jupyter Notebooks, Cloudera, Hive, Impala, Spark, Presto, Starburst, etc.
- PowerBI, Splunk, Grafana, Prometheus, etc.

### Australian Broadcasting Corporation (ABC)

#### Data Engineer

January 2022 - July 2022 (7 months)

Sydney, New South Wales, Australia

The Australian Broadcasting Corporation is Australia's national broadcaster. It is principally funded by direct grants from the Australian Government and is administered by a government-appointed board.

- Streaming data, pyspark, KCL
- Apache Airflow
- AWS Kinesis, EMR, Lambda, Redshift, Athena, Cloudformation, etc.
- Bitbucket, Bamboo, Sharepoint, Jira, Confluence
- Redash, PowerBI

## Servian

### Data Consultant

March 2021 - January 2022 (11 months)

Sydney, New South Wales, Australia

Servian is a consulting company that specialise in Data and Analytics, Artificial Intelligence, Digital, Customer Engagement, Cloud and Technology, DevOps and many more fields.

- Database, API, Flat file, SFTP data ingestion
- AWS DMS, Lambda, Glue, CloudWatch, Batch, ECR, IAM, Step Function, Athena, Redshift, etc.
- dbt, docker, Bitbucket, pyspark
- PowerBI, MicroStrategy

## Arq Group

### Data Consultant

January 2020 - March 2021 (1 year 3 months)

Sydney, Australia

Arq Group is a digital professional services company, with deep expertise in mobile, data and analytics and cloud (delivery & MSP).

- Insurance company project building enterprise data warehouse(Greenplum) across various domains and deliver high value dashboards(Tableau) directly serve to executive board of directors for critical business decisions
- Website tracking project analysing events and data captured from Google Analytics
- Cloud engineering project building data pipeline and perform ETL/ELT using AWS services

## Plutora

### Data & Analytics Developer

February 2014 - January 2020 (6 years)

Sydney, Australia

Plutora is a SaaS company providing cloud based value stream management service to a wide range of customers in banking, telecom, wholesale, etc.

- End to end BI solution development, from object creation to data source to Tableau workbook development and development using other BI Tools. External stakeholder management, travel to different cities for onsite meeting and development.

- Built complex dashboard for Telstra's board of directors
- Developed visually appealing reporting centre from scratch including data ETL and front-end design and implementation
- Substantially improved product usability by creating dynamic data source for custom fields

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## Education

University of New South Wales

Master of Engineering (MEng), Information Technology · (2012 - 2013)

University of New South Wales

Bachelor's Degree, Computer Science · (2009 - 2012)