Jerome Lieow

Contact:
jeromelieow@gmail.com
+65 90701512 / +44 7599 380135

https://www.linkedin.com/in/jeromelieow/

Multi Cloud and Kubernetes Certified Solution Architect at Databricks, the Data and AI company. 10 YOE across sales, full stack, Cloud, DevOps and Platform Engineering. **Have the RIGHT TO WORK in SG and UK**.

PROFESSIONAL EXPERIENCE

Solutions Architect – Databricks, London, Sep 2025 – Current Position
- Part of Emerging Hunter Team.

Presales Solutions Architect (SEA Region) – Cloud Mile Pte Ltd, Singapore, Jan 2024 – Aug 2025
- Perform discovery to understand customer's business goals to technical solutions and architecture designs.
- Architect and deploy workloads on AWS, Azure, GCP, Government Commercial Cloud (GCC1.0 and GCC2.0) environments and integrated with ISVs such as MongoDB, Snowflake and Confluent.
- Run workshops and build POCs on VMs, serverless and Kubernetes workloads across AWS, Azure and GCP.
- Optimise expenditure, increase security and build a migration case for clients' existing infrastructure state across Cloud providers in accordance to the Well Architected Framework.
- Led the creation of enablement syllabus and GTM material for Looker BI.
- Load tested client web and mobile applications, fixed bottlenecks, misconfigurations and scaling inefficiencies enabling them to scale from 100k users/30 mins to 500k users/30 mins while maintaining above 99% app stability (based on firebase analytics).
- Automated deploying and cleaning up AWS multi-account environments via AWS and GCP for students of Institutes of Higher Learning (IHL).
- Worked on opportunities with public sector organizations such as MINDEF, HTX, AGC and IHLs
- Architected GenAI solutions from blueprint creation to deployment.

Senior Solution Engineer – Cloud Mile Pte Ltd, Singapore, Jan 2023 – Dec 2023
- Architected and implemented a Hub and Spoke architecture on AWS which centralizes ingress, egress, inspection and logs, deployed via GitOps using Terraform.
- Designed and implemented pipelines with ISVs such as Snowflake, Fivetran and Twilio.
- Implemented a GitOps process on GitHub using Terraform, providing a team of 10 engineers a centralised platform to provision cloud resources on AWS and Azure, strengthening least privilege access and providing a traceability record for deployments.
- Developed ChatOps on Slack with GCP cloud functions using TypeScript, which provided 15 developers across 3 teams with a self-service method to provision infrastructure to multiple cloud service providers.
- Built a Python3 tool, Terraform Manager, extending the Terraform CLI to standardise and enforce a code structure, improve knowledge/documentation management and onboarding of new engineers.
- Set up and deployed Ansible to manage VM and container configurations across environments and peered networks and integrated it with Hashicorp Vault for secret management.
- Self-hosted dev tools such as GitLab, Mattermost, DependencyTrack, DefectDojo, HashiCorp Vault, and PostHog on VM and serverless infrastructure.
- Automated the tagging strategy and instrumentation of applications across AWS and Azure with DataDog using Terraform.
- Provide training and mentorship for new hires and customers.
- Conduct interviews to assess the qualifications and fit of potential candidates.

Associate Lecturer (CSIT 242 - Mobile Application Development) – SIM University, Singapore, Jan 2022 – Mar 2022
- Conducting lectures, tutorials, assessments and evaluations required by the institution.

Solution Engineer – Cloud Mile Pte Ltd, Singapore, Aug 2021 – Dec 2022
- Responsible for implementing and securing multi-cloud (GCP, Azure and AWS) landing zones.
- Familiar with implementing and securing CICD pipelines on GitHub and GitLab.
- Support sales teams during client calls, by delivering and demonstrating POCs, fronting technical queries and preparing demos when Solution Architects are unavailable.
- Support customer success team by providing L1 to L3 technical support and training materials.
- Increased company product offerings by attaining technical verification/certifications.

Air Force Engineering Officer (Avionics) – Republic of Singapore Air Force, Singapore, Jan 2017 – Aug 2021
- Developed multiple Android Applications one of which was integrated with GovTech's TraceTogether (COVID-19 tracing app). The success of these collaborations proved the need for a new capability which resulted in the launch of the RSAF Agile Innovation and Digital (RAiD) department.
- Responsible for the airworthiness of the avionics and electrical system of the F-15SG, AH-64D and S-70B.
- Led multiple teams in country and overseas to provide maintenance support and recovery for AH-64Ds.

CERTIFICATIONS

Certified Kubernetes Administrator	Azure Solutions Architect Expert
GCP Professional Cloud Architect	Azure DevOps Engineer Expert
GCP Professional Cloud Developer	Azure Developer Associate
GCP Professional Google Workspace Administrator	Azure Data Engineer Associate
GCP Professional Cloud DevOps Engineer	Azure Network Engineer Associate
GCP Associate Cloud Engineer	Azure Security Engineer Associate
GCP Looker LookML Developer	Azure Administrator Associate
Certified ScrumMaster	AWS Certified Solutions Architect – Professional
Certified Scrum Product Owner	AWS Certified DevOps Engineer – Professional
DataDog Technical Specialist Certification	AWS Certified SysOps Administrator – Associate
MongoDB Associate Database Administrator	Snowflake SnowPro Core
MongoDB SI Associate Certification	Snowpro Advanced: Architect
Databricks Certified Generative AI Engineer Associate	Databricks Certified Data Engineer Associate

LANGUAGES

English – Native Speaking and Writing Proficiency
Mandarin (Simplified Chinese) – Conversational Speaking and Writing Proficiency

EDUCATION

University of Manchester, Manchester, United Kingdom
              MEng in Electrical and Electronics Engineering, 2013 –2016
Singapore Polytechnic
       Aerospace Electronics, 2009 – 2012