

KIERAN RIMMER

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SENIOR CLOUD, DATA AND AI ENGINEER

Experienced leading engineer with a strong record of building and deploying intelligent, scalable systems across vendors including AWS, GCP, and Azure. I combine deep technical knowledge with a practical focus on reliability, automation, and measurable outcomes.

Over the past decade, I've designed cross-cloud architectures, implemented AI solutions, and delivered automation frameworks that reduce cost and improve performance for Enterprise clients. My work includes leading the design of open-source systems, developing production-ready AI integrations, and modernising legacy infrastructure into efficient, self-healing platforms.

CORE TECHNICAL SKILLS

- **Languages:** Python, Golang, Java, SQL, shell variants.
- **Cloud:** AWS, GCP, Azure, and more.
- **Infrastructure & Automation:** Kubernetes, Docker, Terraform, StackQL, various CI/CD tooling.
- **Data & AI:** Databricks, BigQuery, Snowflake, Vector Databases, MLflow, various LLM offerings.
- **Domains:** Data & Analytics, MLOps, FinOps, AIOps, Observability, Data Engineering, Cloud Cost Optimisation.

KEY ACHIEVEMENTS

- **Co-founded StackQL**, an active and vibrant open-source cross-cloud DevOps and FinOps automation platform now used by engineers worldwide (>800 GitHub stars, >70K Docker pulls).
- **Architected and deployed** multi-cloud systems for banking, telco, and retail clients, integrating AWS, GCP, and Azure workloads to improve scalability, resilience, and visibility.
- **Delivered Enterprise FinOps** frameworks reducing cloud expenditure by up to 30% through predictive capacity planning and automated governance.
- **Developed production ML and AI integrations**, including vector databases, LLM-driven automation, and observability pipelines for real-time anomaly detection.

CLOUD & INFRASTRUCTURE

Expert in containerized application design, development, and orchestration. Experienced in both Kubernetes and cloud-native services across AWS, Azure, GCP, DigitalOcean and more. Database architecture across SQL, NoSQL and Vector DB systems for various use cases - operational, analytical, ETL, and reporting.

AI/ML ENGINEERING

Hands-on experience deploying and integrating machine learning models into production systems. Built MLOps pipelines for model training, validation, and monitoring. In summary, delivering LLM integration, vector databases, agentic automation, MLOps, FinOps, AIOps, cloud cost optimisation, observability, and scalable architecture.

ARCHITECTURE & DELIVERY

Solution architecture for Enterprise-scale systems. Strong DevOps practices including CI/CD, infrastructure as code, and automated testing. Proven ability to quickly understand domain requirements and apply industry best practices.

KEY STRENGTHS

Fast learner and problem solver who adapts quickly to new technical environments. Comfortable working across the full stack from infrastructure to application layer. Track record of delivering complete solutions under tight deadlines.

PROFESSIONAL EXPERIENCE

 **RYUK** Director and Principal Engineer: Ryuk Labs Pty Ltd March 2023 - Current
ryuklabs.com

Independent consultancy providing advanced cloud, data, and AI engineering solutions for Enterprise and mid-market clients.

- Delivery of full solution lifecycle; from requirements gathering through architecture, design, peer review and implementation, release and BAU phases.
- Mentor cross-functional engineering teams on cloud architecture and DevOps practices.
- Delivered long-term engagements with Enterprise clients, reducing incident rates by 25%.
- Prominent engagements:
 - Big 4 Bank, multiple solutions. March 2023 -> September 2025.
 - Wagering industry assurance and observability solution. October 2025 → present.

STACKQL>> CTO and Co-Founder: StackQL Studios Pty Ltd April 2022 - Current
stackql.io

Open-source software company developing cross-cloud DevOps and FinOps automation tools used by global professionals.

- Designed and built the flagship open-source product *stackql*, enabling cross-cloud querying, reporting, and automation.
- Delivered core feature design, architecture, and implementation in *golang* and *python*.
- Created AI integrations including natural language interfaces and MCP servers.
- Open source mainstays:
 - [stackql](#) models arbitrary internet resources as relations in a relational database. X-Ops, analytics, observability and IAC use cases.
 - [any-sdk](#) provides one common sdk for heterogenous providers.

**Managing Consultant:****August 2014 - March 2023****Servian Pty Ltd (acquired by Cognizant)**

Sydney and Melbourne, Australia

Servian was a 500+ consultant cloud and data advisory delivering Enterprise-scale solutions across the APAC region. I joined during a high-growth phase and became a trusted technical architect bridging infrastructure, data, and automation.

Key Contributions:

- Architected and delivered multi-cloud platforms integrating AWS, GCP, and Azure workloads.
- Co-created and led development of StackQL, the open-source automation platform adopted by global enterprises.
- Implemented cloud cost optimisation and FinOps strategies reducing annual spend by up to 30%.
- Designed and implemented cloud integration frameworks, secure CI/CD pipelines, and data warehouse modernisation.
- Partnered with senior engineering and delivery teams to pilot AI-driven anomaly detection and self-healing systems.

Highlights:

- Led a team of 10 at a major bank.
- Led full-scale cloud migrations for two major enterprises, modernising analytics and data warehouse environments.
- Designed and delivered hybrid browser/phone platforms with secure APIs for financial services.
- Developed BI data assets and pipelines from Teradata and SQL Server sources.
- Enhanced secure web applications supporting marketing and reporting platforms.
- Presented at technical and industry forums, strengthening Servian's cross-cloud reputation.

EDUCATION

Bachelor of Science (Degree with Honours)

2004

University of Melbourne, Australia

Doctorate of Philosophy

2010

University of Melbourne, Australia

REFEREES

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