

Jeremy Ritchie

CLOUD ARCHITECT | AWS AMBASSADOR

☎ (+1) 647-808-2354 | ✉ jeremyritchie1996@hotmail.com | 🏠 www.JeremyRitchie.com | 🌐 JeremyRitchie | in JeremyRitchie

Professional Summary

Talented and ambitious Cloud Architect with 5+ years of experience architecting and building best-practice solutions in AWS Cloud. Highly skilled across all cloud domains, including networking, security, CI/CD and observability. Proven track record of delivering innovative solutions and being a eager learner.

Key Skills

Expert Languages	Python
Proficient Languages	Typescript, Java, JavaScript, C#
IaC + CaC	Terraform, AWS CDK, AWS CloudFormation, Ansible
Key Technologies	Docker, Docker Compose, Kubernetes
Networking	VPC Routing & Design, TCP/IP, HTTP, DNS, VPN
Observability	DataDog, Cloudwatch, Custom AWS Control Tower
CI/CD Tools	AWS Developer Tools, GitLab CI/CD, GitHub Actions, Azure DevOps Pipelines
Agile	Scrum, Scrumban

Certificates

- 2024 **AWS Certified Security - Advanced Networking**, Amazon Web Services (AWS)
- 2022 **AWS Certified Security - Specialty**, Amazon Web Services (AWS)
- 2021 **AWS Certified Solutions Architect - Professional**, Amazon Web Services (AWS)
- 2021 **AWS Certified DevOps Engineer - Professional**, Amazon Web Services (AWS)
- 2020 **AWS Certified Solutions Architect - Associate**, Amazon Web Services (AWS)
- 2020 **AWS Certified Developer - Associate**, Amazon Web Services (AWS)
- 2020 **AWS Certified SysOps Administrator - Associate**, Amazon Web Services (AWS)
- 2019 **AWS Certified Cloud Practitioner**, Amazon Web Services (AWS)
- 2022 **HashiCorp Certified: Terraform Associate**, HashiCorp Certified: Terraform Associate

Achievements

AWS Ambassador

AMAZON WEB SERVICES / CAYLENT

April 2023 - Present

- Actively engage with the AWS community through speaking engagements, blog posts, and other events, sharing best practices and experiences related to AWS services and solutions.
- Provide feedback and insights to AWS on customer needs and requirements related to AWS services and solutions, helping AWS to shape its product roadmap and offerings.
- Promote Caylent's capabilities and expertise in AWS cloud solutions and services to customers, prospects, and the broader AWS community.
- Mentor and coach other employees at Caylent on AWS cloud solutions and services, helping to grow the partner's capabilities and expertise in this area.

Relevant Work Experience

Cloud Architect

Squamish, BC, Canada

CAYLENT

September, 2023 - Present

- Designed and deployed cloud architecture solutions on AWS for SMB clients across various industries.
- Led cloud migration projects helping clients lift-and-shift legacy applications to AWS as well as re-architecting applications for cloud-native deployment.
- Conducted well-architected reviews and provided remediation guidance to optimize client workloads for performance, scalability, resiliency, and security on AWS
- Worked closely with client dev teams as well as third-party vendors to implement CI/CD pipelines, infrastructure as code, and automated deployments on AWS
- Mentored engineers and advised clients on cloud adoption strategy, total cost of ownership, capacity planning, and other key optimization topics.

Senior Cloud Engineer

Toronto, ON, Canada

CAYLENT

February. 2023 - August. 2023

- Architect and design cloud-based solutions for clients based on their specific business needs and requirements.
- Implement and maintain AWS services and infrastructure for clients, ensuring that they are optimized for performance, cost, and security.
- Serve as a subject matter expert on AWS services and solutions, providing guidance and recommendations to clients and internal teams.
- Collaborate with other engineers and teams to design and implement custom automation and deployment workflows to improve efficiency and scalability.
- Continuously research and evaluate new AWS services and features to identify opportunities to improve existing solutions and develop new solutions for clients.
- Provide mentorship and guidance to junior engineers on the team, helping them grow their skills and capabilities in AWS cloud engineering.

Cloud DevOps Architect

Christchurch, New Zealand

CONSEGNA - A CYBERCX COMPANY

April. 2021 - January. 2023

- Architect and engineer scalable, resilient, highly available cloud solutions and application platforms for government and SMB
- Drive automation and IaC productization internally and with clients.
- Write and present High Level Designs to NZ Government architectural review boards.
- Internal subject matter expert for Terraform, AWS IoT, AWS Control Tower, AWS CDK.
- Teach and encourage rigour on cloud best practices, security and observability.
- Productize a custom AWS Control Tower offering with built in security controls and services through a custom Control Tower Pipeline.
- Mentor junior engineers and interns in all aspects of AWS, DevOps and professional services.
- Highly experienced with Agile practices.

DevOps Engineer

Christchurch, New Zealand

SYFT TECHNOLOGIES

August. 2019 - March.2021

- Sole internal AWS Cloud expert.
- Encourage DevOps practices and discipline across entire software team.
- Product owner and principle engineer on the IoT platform.
- Lead cloud engineer for all cloud based projects.
- Rapidly expanded internal cloud adoption and spearheading migration.
- Expand CI/CD pipelines to all products, including data analytics.

Software Engineer

Christchurch, New Zealand

SYFT TECHNOLOGIES

Feb. 2019 - August. 2019

- Spearhead Syft Technologies move to the cloud.
- Modernise DevOps stack used in primary software products.
- Rebuild CICD pipelines on new cloud based stack from the ground-up.
- Develop numerous apps/scripts that serve business critical functions in production.

Software Engineer Intern

Christchurch, New Zealand

SYFT TECHNOLOGIES

Nov. 2018 - Feb. 2019

- Develop a Jenkins Plugin in Java to autonomously generate release notes.
- Integrate with various APIs and data sources to extract all the necessary information for autonomous release notes.
- Work closely with mentors and stakeholders to understand key requirements and deliver the most suitable product
- Dynamically update and upload Jira Issues with maven release data.

Education

University of Canterbury

Christchurch, New Zealand

BACHELOR OF ENGINEERING (SECOND CLASS - FIRST DIVISION HONOURS) IN COMPUTER ENGINEERING

2015 - 2018

- Minor in Communications and Network Engineering