Alexander Simpson

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Professional Profile

A highly motivated and skilled IT professional, with a bachelors degree in commerce and extensive experience in public cloud architecture, implementation and best practice. A strong and enthusiastic leader, having coached sports teams as well as managing staff and IT projects. Highly organized and skilled at prioritizing tasks to ensure maximum productivity possible. Analytical and a creative problem solver. Friendly and approachable, and always looking to improve skills, knowledge and experience. Five professional-level cloud certificates from three different cloud vendors (AWS, GCP, VMware) plus other associate-level certificates verify years of public and private cloud industry experience.

Objective

Currently seeking a challenging IT position that builds on existing skills and experience, while providing opportunities for personal and professional growth.

Personal Projects

- www.parvoalert.com - Architected, implemented and wrote the backend code for this site. A fully serverless data collection engine hosted on AWS, able to serve and store thousands of users without breaking free tier, with the ability to scale infinitely.
- www.bridgedoctor.com - Dockerised the existing Ubuntu web app, externalised the local MySQL database and migrated it to an IAC controller AWS AuroraDB cluster, designed and wrote an IAC deployment pipeline that builds load-balanced container hosts, serving the containerised web app. Full SSL and DNS migration to AWS. *(transition from old app still underway)*

Career Summary

2020-Present

Sole Proprietor
leet.cloud, Arrowtown, New Zealand

- GCP IAC architecture consultation and build
- AWS CI/CD pipeline consultation and build
- DevOps consultation, architecture and design
- Cloud security consultation and validation

2019-2020

Senior Data Engineer
Datisan, Brisbane, Australia

- Architecture and implementation of data lakes on GCP

- Architecture and implementation of serverless environments on GCP
- Consulting on google marketing stack
- Client engagement
- Development of ML models
- Running client training workshops + training days

2018– 2019   **Senior Cloud Consultant,**
Deloitte, Brisbane, Australia

- Enterprise-grade AWS architecture and implementation
- Dev-ops architecture, implementation and best practise governance.
- Security architecture, implementation and best practise governance.
- Serverless development
- DB migrations to AWS
- Serverless data lake architecture and implementation
- Security consulting

2017 – 2018   **Senior Cloud Solutions Engineer,**
CloudTrek, Brisbane, Australia
CloudTrek was acquired by Deloitte Australia in September 2018

- Security architecture, implementation and best practise governance.
- Dev-ops architecture, implementation and best practise governance.
- Developing automation frameworks
- Building and designing Serverless web applications
- Client engagement
- Designing, implementing and testing customer environments on AWS
- Implementing migrations to AWS

2017 – 2018   **Cloud Specialist, Cloud Services Team**
CITEC, Brisbane, Australia

- Appointed as AWS Cloud Warrior for the QLD Government
- Lead architect for an AWS Workspaces POC.
- Consulting with agencies on AWS deployments.
- Designing and implementing VMware Containers and photon OS
- Administering Azure Pack
- Design and implementation of custom, multi-node Linux applications.
- Documenting best practices and procedures.
- Training new team members and guiding colleagues towards solutions to technical problems.

2014 – 2017   **Virtualization Specialist, Cloud Services Team**
CITEC, Brisbane, Australia

- Designing, building and implementing highly available VMware and Cloud-based environments according to client's needs.
- Proposing IT solutions to meet the client's needs through consultation.
- Leading client and technical contact for multiple government agencies.

- Architecting upgrade paths for clients VMware and Trend Deep Security Micro, environments.
- Training new team members and guiding colleagues towards solutions to technical problems.
- Documenting best practices and procedures for teams.
- Management of maintenance of blades, enclosures and racks (physical infrastructure).
- Design of an advanced PowerShell scripting and reporting environment, combined with automation features for VMware infrastructure.

2013 – 2014   **Senior IT Systems Administrator, Microsoft Server Team, Tier 2**
CITEC, Brisbane, Australia

- Managing colleagues ITIL processes and procedures to ensure company standards are met.
- Providing 3rd level support for Microsoft server systems for a range of government clients.
- Advanced knowledge in PowerShell scripting for administrator and monitoring of servers.
- Ensuring CITEC's SLA's are met by colleagues for multiple government clients.

2012 – 2013   **● IT Systems Administrator, Microsoft Server Team, Tier 2**
                     ● CITEC, Brisbane, Australia

- Managing ITIL processes and procedures, ensuring they're implemented across the board
- Providing 2nd level support for Microsoft server systems for a range of government clients.
- PowerShell scripting for automation, administration and monitoring of servers.
- Managing Active Directory administration and running, troubleshooting and fixing backup failures

2011 – 2012   **IT Call Center Officer, Service Center**
                     CITEC, Brisbane, Australia

- Implementing ITIL processes and procedures to ensure all jobs are logged correctly.
- Providing 1st level support for a range of products and clients across the QLD government.

Key Achievements
- Appointed as AWS Cloud Warrior for the QLD Government (2018)
- Played professional Rugby League for the QLD CUP while also working in IT (2011-2014)

- Offered Scholarship by KFC covering University Fees for a Marketing and Management Degree

Education and Qualifications

Bachelor of Commerce:	Double Majors, Management (small business and growth mgmt) and Management Science (logistics and supply chain mgmt) Canterbury University, Christchurch, 2010
[TBC]:	AWS Machine Learning Specialty
Technical Certificates:	2019 - Google Cloud Platform, Cloud Architect, Professional 2019 - Google Cloud Platform, Data Engineer Professional 2018 - AWS Solutions Architect, Professional 2018 - AWS DevOps, Professional 2017 - AWS SysOps, Associate 2017 - AWS Developer, Associate 2017 - AWS Solutions Architect, Associate 2017 - VCP6-DCV - VMware Certified Professional, Data Center Virtualization 2015 - Microsoft Advanced PowerShell
Other Certificates:	2017 - Prince2 practitioner: Prince2 2005 - Advanced course in Microsoft packages: Burnside High School 2004 - Kiwi Sports coaching certificate: Burnside High School

Key IT Skills

Cloud architecture (AWS, GCP)	Infrastructure as Code (AWS, GCP)
Cloud implementation (AWS & GCP)	Bash
Cloud migrations (AWS & GCP)	Python 2 and 3
Cloud data lakes (AWS & GCP)	Node.js
DevOps best practises and quality assurance	PowerShell
	C#
DevOps implementation	Unity3d
Security best practises and quality assurance	Linux server administration
	Windows server administration
VMware Data Center Virtualization	

Interests and Activities

| **Currently include:** | Rugby, coaching, yoga, classic cars, painting, science, philosophy, public cloud architecture, C# game development (Unity3D), metalworking, welding, tiny houses. |

Referees available on application.