Samuel Than

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I write things in PHP, HTML, CSS, SQL, PowerShell, Bash, *nixCLI.
I am interested in Information technology, performance improvement and automation.
I mostly use Centos Linux, Amazon Web Services, Windows, Git.

💼 EXPERIENCE

Wisenet, Systems Engineer
August 2017 - Present

- Architecting, provisioning, maintaining and improving upon server infrastructure, split between physical data centres and AWS. Experience with Dell hardwares, Hyper-V and VMWare ESXi. Also provided 24/7/365 on-call support.
- Responsible for automating and improving IT infrastructure, utilizing Terraform, AWS Cloud formation, PowerShell and bash scripting.
- Overhauled AWS accounts to follow latest security best practices, thus reducing attack surface.
- Reduced AWS costs by over 25% through implementation of AWS Lambda scheduling services, tagging strategy and right sizing services.
- Improved monitoring services from a blackbox to a combination of whitebox monitoring system for all production systems.
- Improve application database (MSSQL) via migration to a cluster architecture using Microsoft AlwaysOn High Availability.
- Collaborate with developers using agile practices(scrums,retros) to achieve sprint goals.

Harvest Bible College, Systems Administrator
2011 - June 2017

- Virtualize physical server platforms and migrate existing virtualized environment from Citrix XenServer to Windows 2012 R2 Hyper-V. Consolidating all platform to be easily managed.
- Design, implement and administrate LMS (Moodle) with integration to AWS S3, CloudFront, Windows & Linux systems that services more than 500 students and 50 teachers per year.
- Coordinate with external developers for various company projects. Building secure on premise/cloud environment for external developers' test deployment work progress and management of version control deployment via GitHub.
- Migrate mail server of 600 mailbox users from Exchange 2007 to Exchange 2013 and further implement HA capability which provides failover to interstate branch when a disaster occurs. Continuous administration and report generation via PowerShell.
- Design and upgrade network infrastructure using combination of Cisco, Dell & Ubiquiti network products. This includes installation and configuration of routers, layer 3 & 2 switches and access points.
- Responsible for migrating existing services from a single data center to a co-located environment. Data Centre Experience; Performed various hardware upgrades and racked/cabled new servers.
- Provided continuous 24/7/365 primary on-call support for all server applications and systems.
- Wrote and maintained comprehensive documentation on the applications and system architecture.

HIOD IT, IT Contractor
2012 - 2014

- Scoping projects, liaising with multiple vendors and clients to implementing the best solution using a range of IT services.
- Design, implement and administrate Linux systems for website hosting.
- Design, customize and deploy WordPress websites using PHP/HTML/CSS/Javascripts.

Paritech Pty Ltd, IT Support and Tester
2007 - 2011

- Providing level 1 & 2 helpdesk support, constantly working under pressure due to proprietary platform services with ASX.
- Test and QA proprietary platform application.

✱ CERTIFICATIONS

Amazon Web Services, AWS
- AWS Certified Solutions Architect (Associate)

LPI
- LPI Linux(Essentials)

🎓 EDUCATION

Bachelor of Computing
Monash University, Australia
2001 - 2005