Jerry Zheng Male 1988.03

Company	PayPal Holdings, Inc.	**Location**	Shanghai Pudong
Position	System Engineer Team Lead	**Email**	zql0301@gmail.com
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Summary

- My name is JERRY, I'm a **J**olly, **E**ncyclopedic, **R**eliable, **R**esponsible **Y**oungest. A strong and quick learner, an effective collaborator and team player; be able to compose awesome codes and jokes, a humorous buddy with plenty real stuffs in work, life and hobbies

- With a solid 7 years' experience in administrating Windows Servers, be able to design architecture and 4 years' experience in web application.   Personal highlights at managing huge amounts of servers, automation implement and deploy, continuous integration and deliver. Experience in managing 10000+ servers, 20+ global datacenters, 8 web sites.

- Good at using programming thinking and shortest path to resolve technical problems. Regard "Configuration as code, Operations as Service" theory and DevOps/Agile/SRE Methodology. Playing the role of technical mentor in the team, focus on kicking roadblocks for engineers, inspire and collaborate with engineers to work out best practice solution

Skills

Windows, VMware, Azure, IIS, Web Service, System Center, PowerShell, Python, CI/CD, TFS, SQL, C#, REST, SOAP, Agile, Git, DevOps, Project Management, Architecting, consulting, collaboration, mentoring

Education

Tongji University (2006.09 - 2010.06)   Bachelor

Certification

CET-6, MCITP, ITIL v3, PMP

Hobbies

Technology, Coding, Electronic Games, ACG, American TV Series

Career

2016.03-Now   **PayPal Holdings, Inc.**

System Engineer Team Lead   IEO

Responsibility
- Developing automation tools, websites and scripting by PowerShell, Python, Batch with Visual Studio, TFS, JIRA, GitHub collaboration software, to achieve continuous integration and automate deployment and delivery.
- Manage and maintain global Windows servers (6 huge Datacenters, 10000+ servers) including VMware, Azure and ESXI
- Design and deploy business system, workflow, component and monitoring tools architecture, define standards and alignments, share culture of Service as a Code and Agile, DevOps methodology, best practices definition and service delivery
- Project, Change, SLA, incident management
- System integration and innovation, provide business solution and technical consulting and analyze

Projects
VM Auto Provision Tool

Develop VM Auto Provision Tool by C# and PowerShell DSC with System Center, Jenkins and Restful, SOAP API, get provision VM attributes from ITSM system by specified ticket number and build VM automatically. Compared with manual work, the tool decreased deployment period and human errors.

My Portal Website

Develop global virtual center management website My Portal by Django + XAMPP, including monitoring, metrics reporting, business intelligent analytic, log reference, quick maintenance functions, optimized operations efficiency and service experience.

My Monitoring System

Monitoring global servers and VMs by using SCOM+vROps+Foglight+Zabbix products. Redevelop by using Python+HTML+CSS+PowerBI and export metrics reports for analytics. Additionally, added warranty vendor website crawler to ensure no be expired

2015.10-2016.02   **Spreadtrum Communications, Inc.**

Sr. System Architect   R&D Infrastructure

Responsibility
- Manage and maintain global AD domain and servers (15 sites and more than 1000 servers) and DNS, DHCP, GPO
- Maintain VMware VDI platform, vCenter and ESXI
- Using PowerShell to automate operations, mentoring global engineers scripting skills
- Attend weekly project meeting, design and deploy projects according to business requirements.

Projects	**Build SCCM**

For business reason, build SCCM servers and push software and patches, reduce workload for helpdesk engineers

VDI Platform Deployment

Design and deploy VDI platform architecture, unified manage 1200 users' desktop and R&D resources access, as long as save hardware budget

2013.04-2015.10   Microsoft (China) Co., Ltd.

System Engineer Team Lead   Commerce Team

Responsibility	•	Manage and maintain Office 365 and Azure E-commerce platform website and database servers (8 global datacenters and more than 1500 servers)
	•	Apply patch in batch, deploy new builds on website and any other components weekly
	•	Monitoring the availability of Azure and website servers
	•	Develop automation tools and Azure script to automate CI/CD/QA by TFS and visual studio
	•	Optimize and re-design workflow architecture; mentoring engineers; assign tasks and project management

Projects	**Auto Patching & Deploying Tool**

Develop patching and website new builds implement tool by PowerShell, C# and WPF framework, integrated with System Center.

Achieved applying patch in automation weekly, website servers continuous implement in different waves and complete QA test automatically

Log Index Tool (LogIndexer)

Develop a smart log analyze and search internal website by referring Splunk and ELK

2010.04-2013.04   Wall Street English Education (Shanghai) Co., Ltd.

System Engineer -> System Architect   IT Infrastructure Team

Responsibility	•	Design and operate all system/infrastructure related projects.
	•	Manage Enterprise AD architecture (more than 70 sites, 300 servers), including DNS, IIS, FTP, DHCP, GPO, VBS, PowerShell Script deployment and management
	•	Manage and maintain about 4000 users' mailboxes in Microsoft Exchange and junk mail firewall
	•	Mentor helpdesk engineers scripting skills

Projects

Upgrade Exchange Server 2003 to 2010

Exchange 2003 can't meet the business requirements and user amounts, server need reboot regularly and no redundancy

In charge of design new Exchange 2010 architecture and execute deploy, migration and upgrade.

Upgrade AD Forest, Domain Schema 2003 to 2008 R2

Upgrade 70+ sites domain schema and DNS, DHCP, GPO component, keep monitoring and mitigating issues.

AD Domain Controller Disaster Recovery Solution

Design new AD domain controller architecture and deploy DR topology, migrating and monitoring.

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