HUNG HOANG THANH

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Experience Summary

- Proficient in English language: verbal and written skills

- Specializing in network and system management of Enterprise Campus Architecture Design

- Specializing in installation, configuration, troubleshooting, administration of IT network and system

- Specializing in technical consultant services for broadcasting system

- Proficient in designing distributed applications and systems on the Cloud Computing Service - AWS platform

Career Goals

- To seek a challenging and career oriented job, which enables me to update with the emerging latest Technology and provides scope for widening the spectrum of my knowledge.

- My career aspirations revolve around job satisfaction, responsibilities and to an extent on the remuneration offered to me.

- Ambitious, positive attitude, hardworking and fast on-the-job learning are my strengths.

- With my technical and communication skills, I am confident of handling any suitable assignment in projects and rise to the occasion and time.

Professional Qualification

- BsC of Engineering in Network and System Management from Hanoi University of Science and Technology – Year: 2007 – 2012. Score : 7.54/10

- Passed the exam of Cisco Certified Network Associate (CCNA) – Year: 2011, Score : 960/1000
- Passed the course Vmware vSphere 6.5 of Robusta Academy – Year: 2017
- Passed the AWS Certified Solutions Architect – Associate – Year: 2020, Score: 889/1000:. Validation Number: CMSZY5GCHBE41HK1. Validate at: http://aws.amazon.com/verification
- Passed the Certified Kubernetes Administrator – Year: 2020, Score: 75/100. Credential ID: CKA-2000-008381-0100. Validate at: https://training.linuxfoundation.org/certification/verify/

Skills Set

Technical Skills:

- Linux Operating System skills:
    - Experience with setup, configuration, control, troubleshooting Linux Operating System : CentOS, Ubuntu
    - Experience with proposing appropriate solution for load balancing, clustering and fault tolerance functionality of Linux system: Nginx, Haproxy, Squid, Heartbeat,…
    - Experience with Mail service, DNS service, HTTP service, MySQL database in Linux Operating System
    - Experience with system monitor open sources: Nagios, Cacti, etc..
- Windows Server Operating System skills:
    - Experience with deploying and managing Windows Server environments
    - Experience with Windows networking technologies.
    - Experience with Active Directory technology.
    - Experience with Windows Server virtualization technology.
    - Experience with configuring advanced networking features, File Services, Failover Clustering Service.
- Programming Languages skills**:**
    - Intermediate level of C, C++, Shell scripting Linux, Shell scripting Windows PowerShell
- Cisco Networking Skills:
    - Experience with configuring VSS technology of Cisco switches
    - Experience with Stacking configuration for switch Catalyst 3750-series
    - Experience with FlexStack and FlexStack-Plus technology for switch Catalyst 2960-series

- Experience with HSRP, VRRP, GLBP routing redundancy for routers and switches
- Experience with static routing and dynamic routing protocols
- Experience with BGP routing solution for multihomed to two ISPs through multiple local routers

- Server skills
    - Implementing, Configuring and Monitoring the HP Blade C7000
    - Implementing, Configuring and Monitoring HP Proliant servers
    - Implementing, Configuring and Monitoring IBM Servers
    - Implementing, Configuring and Monitoring Super Micro Servers

- SAN Storage skills:
    - Implementing and Monitoring the Storage HP 3PAR 7400
    - Monitoring the Storage HP P2000
    - Monitoring the Storage HP StorageWorks MSA 2312fc
    - Monitoring the Storage HP MSA 2042 SAN dual controller

- Firewall skills:
    - Installing, Configuring and Monitoring the Firewall Fortigate 300C
    - Installing, Configuring and Monitoring the Firewall Checkpoint 4400 Appliance
    - Implementing High Availability, Load Sharing in ClusterXL of Checkpoint Firewall

- Web Application Firewall skills:
    - Monitoring Imperva Secure Sphere X2500
    - Monitoring SourceFire IPS 3D3500 Sensor
    - Monitoring BIG IP Local Traffic Manager

- VMWare skills:
    - Implementing and Managing VMWare High Availability
    - Implemeting VMWare Fault Tolerance

- Amazon Web Services skills:
    - Designing distributed applications and systems: EC2, S3, RDS, non-RDS, Route53, VPC

Job Experience

Company: Audio Visual Global – AVG (2012-2013)
Role: Network and System Engineer – fulltime job

Project Details

Project 1: Implementing and managing the system of press online system, serving more than 1000 concurrent users
Description:

- Target of the system is to create a powerful and flexible platform for press online which can deal with more than 1000 concurrent users, while still can guarantee the operation of the system in case of network or service failure.

- Solution for the system:

  - HAProxy, Squid, Nginx for http proxing, loadbalancing, buffering and caching.
  - MySQL master-slave replication
  - Lighttpd for video on-demand

Duration: 6 months
Team size: 3 members
Contribution: Executor and Tester
Domain: http://kienthuc.net.vn
Technology Skills: Linux, Windows Server

Company: Technology Valuable Systems -TVS (2013-now)
Role: Senior IT Engineer – fulltime job

Project Details

Project 1: Replacing production network & On-air systems for domestic radio channels of Voice of Vietnam
Description:

- Targeted for upgrading the former broadcast system of VOV to newer version, using Dalet MAM solution.

  - Key contributions:

    - Designing and implementing infrastructure and application hardening methodologies (Servers, Storage, Network, Data Stores, Endpoints, Users) including least privileges, firewalls policies, access control, SSO, IPS, Encryption....etc.
    - Ensure escalated service requests & SLA's are handled in a timely manner.
    - Ensure patches are installed and verified on all systems in accordance with the service

Duration: 2 years.
Team size: 4 members
Contribution: Hardware/Network engineer, MAM software assistance
Domain: http://vov.vn.

Project 2: Solution for VOE Radio Channel
Description:

- Targeted for building a new broadcasting system for a new radio channel using Dalet Galaxy platform

- Solution for the system:
    - o Hardware:
        - Flex Stack technology for access switches Catalyst 2960-S
        - SAN technology using HP MSA2040 Storage
        - Server HP Proliant Gen9
    - o Software:
        - Microsoft Windows Services 2012 Environment: Failover Clustering, File Services, Active Directory Domain Name Services, etc...
        - Microsoft SQL Database 2014: SQL Clustering
        - MAM radio solution using **Dalet Galaxy platform 64-bit**

Duration: 2 years.
Team size: 2 members and experts from Dalet.
Contribution: Hardware/Network engineer, MAM software assistance
Domain: http://vov.vn.

Project 3: Proposing a solution and delivering complete system of an OB-Van for Vietnam Television Station.
Description:

- Targeted for delivering a complete integration of Video, Audio, Tally and Control systems for an OB-Van.

- Solution for the system:
    - 11 Camera systems of Hitachi
    - Routing base-band system of Imagine Communications
    - Production Switcher of Ross Video
    - Audio Console of Yamaha

Duration: 2 years.
Team size: 8 members.
Contribution: Broadcast engineer
Domain: http://vtv.vn.

Project 4: Solution for VOV Oversea Radio Channel – VOV5 (2019)
Description:

- Targeted for building a new broadcasting system for a new radio channel using Dalet Galaxy platform

- Solution for the system:
    - o Hardware:

- Stack configuration for switch HP 5500
- SAN technology using HP 3PAR 8200 Storage
- Server HP Blade C7000
  - Software:
    - Microsoft Windows Services 2016 Environment: Failover Clustering, File Services, Active Directory Domain Name Services, etc...
    - Microsoft SQL Database 2016: SQL Clustering
    - MAM radio solution using **Dalet Galaxy Five Platform**

Company: Ministry of Industry and Trade of Vietnam – MOIT (2016-now)
Role: Network and System Manager – part time job

Project 1: Implementing and managing the system of Ministry of Industry and Trade of Vietnam
Description:

- Targeted for remaining consistently in operation of the system which is providing platform and resource for more than 100 websites of Ministry of Industry and Trade of Vietnam.
- Solution for the project:
  - HP Blade C700
  - SAN HP P2000, SAN HP MSA 2312, SAN HP2040
  - VMWare Esxi 5.5
  - Windows Server 2008, CentOS 7
  - MySQL, MSSQL Server, PostgreSQL, Oracle

Duration: a half year and more
Team size: 4 members.
Contribution: Leader
Domain: http://www.moit.gov.vn/
Technology Skills: Windows Server, Linux, Shell scripting, SAN.

Company: Inter-Prompt Global (2018-now)
Role: Network Manager – part time job
Responsibilities: Working as a Technical Support Specialist to provide assistance and maintenance to all network devices: switches, routers, firewalls, etc…in customer's sites.
Description:

- Installing and configuring new technology to be used by customers, such as hardware, operative systems, and programs or applications.
- Giving regular maintenance to existing hardware and computer systems.

- Troubleshooting network devices and systems.
- Replacing damaged or malfunctioning parts on hardware when necessary.
- Writing reports on the status of all hardware and software of the customer's sites.

  Technology Skills: Networking skills.

Extra-curricular Activities and Hobbies

- Listening to the Music
- Playing and watching football.
- Reading books

Personal Profile

Date of Birth: 09/07/1989
Present Address: No65, 444 Doi Can Street, Ba Dinh District, Ha noi City
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