
Hiu, Yen Onn



Contact Details

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Personal Particulars

Age : 39 years
Date of Birth : 17 Dec 1978
Nationality : Malaysia
Gender : Male
Marital Status : Married
IC No. : 781217-13-5577

Qualification

Qualification : Bachelor's Degree
Field of Study : Engineering (Computer/Telecommunication)
Major : Electronic & Telecommunication
Institute/University : University Sarawak Malaysia, Malaysia
Grade : Grade A/First Class Degree
Graduation Date : 2002

Certification

- Novell Certified Linux Professional 10 (2008)
- Novell Certified Linux Engineer 10 (2008)
- MapR Certified Administrator (2012)
- Redhat Certification Administrator RHCSA (2014)
- Redhat Certified Engineer RHCE (2005, 2014)
- VMware VCP5.5 certified (2014)
- HPUX certified (2014)
- Cloudera certificate of attendance(2016)

Experience

Experience Level : Total 14 Year(s) of Experience

Company Name: **Lynx Analytics (Singapore)**

Position Title: Site Reliability Engineer

Position Level: Senior Executive

Specialization: IT/Computer - Network/System/Database Admin

Industry: Computer / Information Technology (Software)

Duration: July 2016 - now

RESPONSIBILITIES

1. Linux OS troubleshooting.
2. Design and understand business requirements for a Hadoop infrastructures.
3. Monitoring and sustaining the business services are always up and running.
4. Troubleshooting spark, MR application.

TECHNICAL SKILLSETS

1. Strong technical skill set in Enterprise Linux OS platform: CENTOS, RHEL, UBUNTU
2. Cloudera Hadoop Distribution ecosystem products.
3. Hortonwork Hadoop Distribution ecosystem products.
4. Spark, Mapreduce application
5. Programming: Bash automation, Python, GIT
6. Amazon aws cloud system administration operation.

Company Name: **Agoda.com** under priceline group (based in Bangkok, Thailand)

Position Title: Data Analyst

Position Level: Senior Executive

Specialization: IT/Computer - Network/System/Database Admin

Industry: Computer / Information Technology (Hardware)

Duration: March 2015 – July 2016

RESPONSIBILITIES

1. Devops engineer to deploy automation using puppet and enforce standard/atomic configuration.
2. Real time monitoring and alerting system using graphite/grafana/influxdb/whisper/carbon/collectd/statsd/beacon.
3. Compiling Apache cassandra distribution into a RPM for Agoda.com consumption.
4. Develop cassandra snapshot/restore tool using python, elasticsearch.
5. Troubleshooting/performance tuning cassandra cluster node that having high compaction problem.
6. Develop audit bash script for cluster node health check and automation.
7. Logstash/Kibana implementation to monitor real time of Cassandra cluster log status.

TECHNICAL SKILLSETS

1. Engineering works on Apache or Datastax distribution of Cassandra rollout/implementation, troubleshooting and performance tuning.
2. Strong skillset in Linux enterprise OS platform: CENTOS, RHEL, SUSE, DEBIAN
3. Strong skillset in programming: Bash, Python, git
4. Ability to work in large scale of clustering nodes e.g Hadoop cluster, Cassandra cluster, Oracle cluster automation, troubleshooting, performance tuning
5. Able to work on web development, e.g. Django

Company Name: **Hewlett-Packard Multimedia Sdn Bhd**

Position Title: Senior Unix System Engineer

Position Level: Senior Executive

Specialization: IT/Computer - Network/System/Database Admin

Industry: Computer / Information Technology (Hardware)

Duration: May 2010 - Feb 2015

RESPONSIBILITIES

1. Running the Level 3 OS System Administration support for HP internal IT operation.
2. Attending Incident ticket, Change ticket, Task ticket, Problem tickets for daily HP internal IT operation 12x7.
3. Performing routine OS patching on production/non-production servers/guests/ESX.
4. Cluster Failover testing for go-live application.
5. Performing OS Validation checking for production servers.
6. Capacity planning and management for VMware ESX and DB.
7. Performing problem management or root cause analysis on the problem Unix/Linux/ESX server.
8. Performing Build request (VM guests/HPUX/Linux/ESX/Solaris) from the demand management.
9. Develop and monitor the OS score carding on weekly basis.
10. Develop/Maintain automation scripts for VMware guests.

TECHNICAL SKILLSETS

1. Advance knowledge in Unix/Linux (HPUX 11.31, 11.23, RHEL6, ESX 4, SLES11)
2. Veritas product like VxVM (veritas volume manager), VCS (veritas cluster server), CVM, Site to Site Metrocluster setup.
3. HP Clustering technology like ServiceGuard, Cluster FS.
4. Deep knowledge for server automation: puppet.
5. VMware ESX deep technical support. VCP 5.1 certified.
6. Oracle database 11g/10gR2 deep technical support.
7. Good knowledge in Unix/Linux patching testing and rollout.
8. Good skillset in development: python, bash.
9. Advance knowledge in RPM development: Automation for middleware products - jboss for internal HPIT.
10. SAN replication like Hitachi horcmd.
11. Trained for big data solution: MapR, Cloudera Hadoop

Company Name: **Dell Asia Pacific Sdn Bhd**

Position Title: Global Senior Linux System Engineer

Position Level: Senior Executive

Specialization: IT/Computer - Network/System/Database Admin

Industry: Computer / Information Technology (Hardware)

Duration: May 2006 - 2010

RESPONSIBILITIES

1. Define the Linux gold image for Dell worldwide. For example: SuSE Enterprise 10, Oracle Enterprise Linux 5.4, 5.5
2. Define the Oracle automation for Dell worldwide. Installing Oracle database cluster, gridagent.
3. Define the patching automation for Dell worldwide.
4. Project Delivery. Taking a role as a IT system architect working in a global team, designing the Database layer, Application layer, and Web Layer
5. Work closely with the Global IT Operation team to support the Severity cases, Trouble Tickets, Change Tickets to ensure the business is running 24x7.
6. Define the Dell standard to implement engineering tools for the global deployment project.
7. Meet the customer's requirement by support the project team as a Linux/Unix System consultant.
8. Working in a large scale to manage the numbers of Linux/Unix in Dell environment, keeping the systems are well-patched, up-to-date, and monitored.
9. Define the standard for cluster file system, ocfs2 and glusterfs.

TECHNICAL SKILLSETS

1. Well-versed in Enterprise Linux Platform RHEL3, SLES10, OEL5, RHEL5, Centos
2. Ability to code in BASH, python
3. Well-versed in Enterprise Database solution such as Oracle 10g RAC, Oracle 9i, Oracle 11g
4. Ability to automate RPM.
5. Capable to perform Root Cause Analysis to serve for Severity Cases.
6. Well-versed in Virtualization Technology as such VMware, KVM, OVM, Xen
7. Well-versed in EMC SAN storage such as Symmetrix, Clariion, ISCSI, SRDF, PowerPath and Multipath.
8. Working with Up2date and ZLM server to allow a massive Linux Patching deployment globally.
9. Define gold image for Dell worldwide for Linux platform.
10. Good sense of ITIL process.
11. Deep understanding of cloud computing concept.
12. Deploying Oracle VM 3.0 for db guest to serve the business.

Company Name: **Shin Yang Group Bhd**
Position Title: Linux Administrator cum Network Engineer
Position Level: Senior Executive
Specialization: IT/Computer - Network/System/Database Admin
Industry: Transportation / Logistics
Duration: Feb 2003 - Apr 2006

RESPONSIBILITIES

1. Design and managing LAN/WAN
2. Servers supporting such as virus scanning, data backup and servers fail over
3. Automation in data backup, replication on several clusters

TECHNICAL SKILLSETS

1. Expert in Redhat family of products
2. Expert in Windows 2000 and Windows NT4
3. Expert in SuSE family of products
4. Knowledgeable in other Linux distribution such as Mandrake Linux, Slackware
5. Software firewall configuration including iptables, ipchains, NAT and checkpoint.
6. Software router configuration including zebra, quagga
7. Hardware router configuration including Cisco Router 4600 and 1700 series
8. Mail server configuration including Qmail, Postfix, Microsoft Exchange Server 5.5
9. Proxy servers configuration including Squid, SquidGuard, Microsoft Proxy Server/Client, ISA
10. Active Directory and OpenLDAP administering and configuration
11. Web servers configuration including Apache
12. Security enhancement on mail server including Spamassassin, MailDrop, Qmailscanner, ClamAV
13. Source code repository configuration including CVS
14. Networking and File for Linux and Windows configuration including Samba, CUPS
15. Automation job including crond for virus definition updating and database backup
16. Clustering fallback configuration including Heartbeat, Linux HA, Openmosix
17. Online monitoring configuration including Webmin, SSH, VNC, MRTG, PCAnyWhere

Company Name: **Shin Yang Group Bhd**
Position Title: System Programmer
Position Level: Junior Executive
Specialization: IT/Computer - Software
Industry: Computer / Information Technology (Software)
Duration: Sep 2002 - 2003
Monthly Salary: -
Work Description:

RESPONSIBILITIES

1. System study, analysis and learning the real-time environment in order to design a computer system
2. Design the proposed system, draw and measure the scope of the design
3. Develop the system (main based on java technology, which including wireless terminal(j2me), swing-based system(j2se) as well as the web-based system(j2ee))
4. Developing project based on java framework, Struts, OJB, Hibernate and EJB.
5. Utilize some of the open source tools such as ANT, Junit, Log4J, eclipse 2.1, xdoclet and etc.
6. Utilize open-source application container, Jboss as main server and Apache, Tomcat as the main web server.
7. Knowledgeable in Linux system, especially in Redhat 8 and Redhat 9.
8. Knowledgeable in configure proxy server (squid) , firewall settings (iptables), and etc.

Company Name: **Sarawak Shell Berhad**
Position Title: Data inspector
Position Level: Fresh / Entry Level
Specialization: IT/Computer - Software

Industry: Oil / Gas / Petroleum
Duration: Feb 2002 - Sep 2002
Monthly Salary: MYR 2200
Work Description:

RESPONSIBILITY

1. Analysis and populating the raw data in the contract according the SAP file layout.
2. Uploading the populated data through the ABAP tools.
3. Do the testing as the SAP blueprint.
4. Troubleshoot the error and amend it if there is any occurrence of errors during the data uploading process.

EXPERIENCES GAINED

1. Knowledgeable in SAP superuser screen navigation.
2. Knowledgeable in SAP data uploading and troubleshooting when the error occurred.
3. Knowledgeable in ABAP programming coding and compilation.
4. Knowledgeable in SAP data filtering and retrieving.
5. Knowledgeable in SAP in data populating for service master, service agreement contract, material master, vendor master and container master.
6. Knowledgeable in SAP data formatting process.

Skills

(**Proficiency: Advanced** - Highly experienced; **Intermediate** - Familiar with all the basic functionalities; **Beginner** - Just started using or learning the skill)

Skill	Years	Proficiency
BASH, Python	>	Advanced
Enterprise Linux	>	Advanced

Languages

(**Proficiency: 0=Poor - 10=Excellent**)

Language	Spoken	Written
English	10	10
Chinese	10	10
Bahasa Malaysia	6	7

Text Resume / Additional Info

Linux experience for 14 years. Mastering in Linux tuning for data engines like Oracle, Cassandra, Hadoop, etc

Awards

RHCE for RHEL2, SuSE administrator certified.

Job Preferences

Willing to Travel : Yes
Willing to Relocate : Yes