
HAZROL NAIM

<https://www.linkedin.com/in/hazrolnaim/>
<https://github.com/hazrolnaim>
naim@hazrolnaim.com | +6011 2612 5098
Selangor, Malaysia

WORK EXPERIENCE

Platform Engineer

Merchantrade Asia

Selangor, Malaysia

August 2023 - Present

Responsibilities:

- Server provisioning, configuration, and maintenance
 - VMware VCenter
 - VMware VSphere / ESX / ESXi
 - Redhat Enterprise (RHEL)
 - CentOS 7
- Scripting to automated daily tasks
 - Bash Scripting
- Maintaining CIS compliance
 - Fine-tuning the system and kernel to prevent exploit
- Supporting BAU user and Developer
 - Work closely with them in meeting their need, in terms of server provisioning, maintenance, or daily support

Accomplishment:

- Automated CIS compliance fine-tuning by utilizing a Bash scripting

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Selangor, Malaysia

WORK EXPERIENCE

System Administrator

Anima Vitae Point
Selangor, Malaysia
November 2015 - August 2023

Responsibilities:

- Server infrastructure setup, configuration, and maintaining
 - Ubuntu Linux
 - Saltstack
 - PXE Boot
 - DHCP Server
 - DNS (Bind9) Server
 - Git Repository (Bitbucket/Github/Local)
 - License Servers (Reprise RLM, Houdini Sesictrl, Flexnet)
 - Expedat
 - ZFS Filesystem
 - NFS Server
 - MooseFS File Distributor cluster
- Virtualization
 - Proxmox Virtual Environment
 - Docker / Docker Compose
 - LXC / LXD
- Cloud
 - AWS EC2 (VM)
 - AWS VPC (IPSEC)
 - Google Cloud Platform
- Level 3 IT Support
 - Windows, MacOS, and Linux
 - Zammad Helpdesk Ticketing System
 - Meshcentral
 - SSH
 - NoMachine
 - Google Workspace
- Team Lead
 - Manage and supervise the IT team

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- Network infrastructure setup, configuration, and maintaining
 - Migration from Cisco ASA 5516-X to virtualized firewall, OPNsense
 - Configure PPPoE for New ISP
 - IPSEC site-to-site VPN to Europe site
 - IPSEC site-to-site VPN to AWS VPC
 - IPSEC site-to-site VPN to Perimeter81
 - OpenVPN for remote artists
 - NAT configuration
 - Configuring a VLAN for multiple purposes
 - 1 x Arista 7050TX
 - 1 x Cisco Catalyst 3560E
 - 4 x Arista 7010T
 - 1 x Cisco SG300
 - Configuring a breakout from QSFP+ to SFP+
- Render farm setup, configuration, and maintaining
 - Configure automated system installation using PXE and Saltstack
 - Afanasy node
 - MooseFS cluster members (for some of the nodes. The rest are entirely for render only)
 - NFS mount from Infra
- Workstation setup and configuration
 - Ubuntu Linux
 - XFCE
 - Cinnamon
 - Configure automated system installation using PXE and Saltstack
 - NFS mount from Infra
- Centralized software (full/partially) using Rez package management
 - Maya
 - Houdini
 - Nuke
 - Discord
 - DaVinci Resolve
 - Krita
 - Mari
 - Steam Substance Painter 2022
 - Sublime Text 3
 - ZBrush (thru Wine)

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- Research and manage IT inventory and purchasing
 - Software licensing
 - Workstation hardware
 - Server hardware
 - Network hardware
 - Snipe-IT (Inventory Management System)
- Scripting to automated daily tasks
 - Bash Scripting
 - Python

Accomplishment:

- Configured and maintained over 100+ workstations & 150+ servers and render nodes that run 100% on Ubuntu Linux operating system
- Written lots of shell scripts (Bash) and Python scripts to help lighten up the burden of monitoring and managing workstations and servers by making them automated
- Reduces operational costs by up to 90% by converting a physical router into a virtual router (OPNsense)
- Utilizing Arista, Cisco and Dell switches to link 4 offices with separate VLANs for workstations, render nodes, and servers
- Making use of PXE boot, SaltStack & Rez package management to automate the installation and configuration of workstations, render nodes, and servers
- Connecting local studio with Helsinki's with a site-to-site VPN for easy collaboration
- Utilizing an OpenVPN to deploy a VPN solution for WFH artists and vendors
- Configured an LXC container to run Expedat, a high-performance FTP alternative service, to maximize usage of network bandwidth for downloading and uploading
- Deployed multiple Docker containers on AWS to run internal usage applications consisting of a ticketing system, inventory system, and a complete computer management platform
- Configured a distributed file system cluster to house more than 500TB of the company's project files
- Responsible for in-house DHCP, DNS, Apache, and NIS servers to have a centralized system so that every artist can work from any workstation, and not be limited to only 1 single workstation
- Utilizing an Archiware P5 to archive completed projects to LTO tapes for safekeeping

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Selangor, Malaysia

WORK EXPERIENCE

System Administrator

Netccentric

Kuala Lumpur, Malaysia

November 2011 - April 2014

Responsibilities:

- Server infrastructure setup, configuration, and maintaining
 - CentOS 6
 - Apache Web Server
 - MySQL Database Server
 - OpenVPN
 - cPanel & WebHost Manager (WHM)
- Scripting to automated daily tasks
 - Bash Scripting
- IT support for users
 - Windows and MacOS

Accomplishment:

- Migrated the company's website (nuffnang.com & churpchurp.com) and databases running on CentOS Linux operating system in multiple countries (Malaysia, Singapore, Philippines) with a very minimal downtime
- Deployed a high-availability cluster for the company's website and databases to load balance the traffic and make sure the website is always available
- Successfully deployed a VPN for secure access to all of the company's servers
- Wrote lots of Bash scripts to monitor the servers and to automate a databases backup every night

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Selangor, Malaysia

WORK EXPERIENCE

Jr. System Administrator

Szar Solutions

Kuala Lumpur, Malaysia

April 2011 - November 2011

Responsibilities:

- Monthly Preventive Maintenance on the company's clients' sites
- Research and configure solutions and servers as per client's requirements
- Provide training to clients' users from time to time

Accomplishments:

- Migrated Malaysia's Ministry of Higher Education (MOHE) web and email servers
- Help configure a backup solution for MOHE, utilizing a FreeBSD-based, FreeNAS (now known as TrueNAS) operating system
- Conducted 3 days cPanel training to IT Technician of MOHE's Community College

IT Technical Support

iLaunch Sdn Bhd

Penang, Malaysia

April 2010 - December 2010

Responsibilities:

- IT support and Preventive Maintenance for Penang's Department of Lands and Mines
- Monitor server's disk usage and logs
- Provide IT training to users from time to time

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Selangor, Malaysia

WORK EXPERIENCE

Assistant Restaurant Manager

KFC (M) Holding
Penang, Malaysia
January 2008 - April 2010

Responsibilities:

- Oversee daily operations of a high-volume KFC restaurant, ensuring smooth and efficient service delivery
- Maintaining high standards of food quality, safety, and cleanliness, ensuring compliance with KFC's policies and health regulations
- Monitors and analyze financial performance, controlling costs, optimizing inventory, and maximizing profitability
- Manage a team of 30+ employees, including recruitment, training, scheduling, and performance evaluations

Restaurant Crew

KFC (M) Holding
Penang, Malaysia
July 2006 - January 2008

Responsibilities:

- Kitchen (Main product)
 - Prepare and cook food items according to KFC's recipes and standards, ensuring consistent quality
- Kitchen (Secondary product)
 - Assemble orders accurately and efficiently, while adhering to portion control guidelines
- Cashier
 - Greet and assist customers with their orders, providing friendly and efficient service
 - Operate cash register & POS system, processed transactions, and handled cash accurately
 - Handle customer inquiries, concerns, and complaints with professionalism and a focus on customer satisfaction
- Follow food safety and hygiene procedures, ensuring compliance with health regulations

Marketing Officer

Regal Pac
Perak, Malaysia
April 2006 - June 2006

Responsibilities:

- Liaise with Royal Malaysian Navy officer for spare parts and services

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Selangor, Malaysia

WORK EXPERIENCE

Restaurant Crew - Kitchen (Part-Time)

KFC (M) Holding
Perak, Malaysia
December 2001 - March 2002

Responsibilities:

- Prepare and cook food items according to KFC's recipes and standards, ensuring consistent quality
 - Follow food safety and hygiene procedures, ensuring compliance with health regulations
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Cashier and IT Support (Part-Time)

Shasha Internet Cafe
Perak, Malaysia
April 2000 - April 2001

Responsibilities:

- Operated cash register, processed transactions, and handled cash accurately
 - Responded to customer inquiries regarding internet access, gaming services, and troubleshooting technical issues.
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EDUCATION

UNITAR International University
Master in Information Technology

Selangor, Malaysia
Jan 2024 - Ongoing

**Kedah Industrial Skills and Management Development Centre
(KISMEC)**
Network Security

Kedah, Malaysia
Dec 2010 - Aril 2011

Cosmopoint - Institute of Information Technology
Diploma of Information Technology

Perak, Malaysia
May 2003 - June 2006

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TECHNICAL SKILLS

Operating System:

Linux: RedHat (RHEL), Ubuntu, CentOS, Debian
Windows: Windows 11, 10, 7, XP
MacOS: Mojave, Catalina, Big Sur

Networking:

Routing & Switching, Firewall
Cisco ASA, Cisco Catalyst, Arista 7010T
Arista 7050-TX, Dell EMC

Servers/Services:

DHCP, DNS, Apache, NGINX, Cisco IOS
Arista EOS, MooseFS, CGRU Afanasy. Rez
ZFS, Zammad, Meshcentral, Snipe-IT

Containerization:

Docker, Docker Compose, LXC/LXD

Databases:

MySQL, MongoDB, Memcached, OrientDB
High Availability, Replication

Cloud:

AWS EC2, AWS VPC, AWS CloudWatch
Linode, Google Cloud Platform

Scripting:

Bash, Fish, Python

Backup/Archive:

Archiware P5, LTO tape

Configuration Management:

Git, Github, Bitbucket, Saltstack, Ansible

Hardware:

Lenovo P620, Dell PowerEdge R630
Supermicro FatTwin, Supermicro Workstation
HP BladeSystem, HP ProLiant DL380

Virtualization:

VMware VSphere, VMware VCenter, Proxmox
KVM, QEMU, Vagrant, Oracle Virtualbox

Suites:

Google Workspace