PASIT CHATCHAROENKIT

BACKEND FULL STACK DEVERLOP / DEVOPS / CLOUD / INFRASTRUCTURE ENGINEER

A highly experienced Infrastructure Specialist with over four years of expertise in designing, managing, and optimizing complex IT systems. I possess a strong foundation in traditional on-premise environments including servers, storage, networking, and virtualization complemented by a full-fledged proficiency in modern Cloud-Native technologies, containers, and automation. This unique blend of skills allows for a deep, holistic understanding of both legacy and cutting-edge systems, enabling me to engineer robust, scalable, and high-performance solutions. I am currently seeking a challenging new role as a Backend Full Stack Developer or a DevOps/Cloud/Infrastructure Engineer where I can leverage my diverse skill set to build and maintain next-generation infrastructure and applications.

EDUCATION

- **Rajamangala University of Technology Phra Nakhon North Bangkok Campus.**
  Faculty of Science and Technology Bachelor of Science (Computer Science) GPA. 2.60
- **Pongsawadi Technological College**
  Bachelor of Business Administration (Business Computer) GPA. 3.53

WORK EXPERIENCE

Le Siam Internetwork Co., Ltd
Senior Network and Software Engineer
November 2020 - Present
- Design and Implementation HCI solution.
- Design and Implementation Storage solution Dell,Huawei.
- Install and Config Server and Router Switch Routing Switching.
- Remote support client.
- Installation and Configuration VMware ESXi, vSphere , vCenter ,VSAN , NSX-T Data Center 3.1 , 3.2 NSX Manager , Edge Node
- Installation and Configuration Proxmox , Create Cluster , Backup , Network Config link aggregation, Every Function.
- Installation and Configuration Windows Server 2003 , 2012 ,2016 ,2019 Linux Ubuntu Server Desktop, SUSE Linux , Debien Linux , CentOS
- Hardening SUSE Linux , Ubuntu Server , CentOS , Debien Linux Red Hat
- Troubleshooting Server And Storage All Vendor.
- Presale Server and Storage All model.
- Install Device DWDM Huawei OSN9800 UPS , M24
- Install and Configuration NCE-T , NCE-IP , ISPA

PROFILE

I am constantly improving myself and never stop learning new things and I want to apply the knowledge that I have learned to create value and benefits for the organization.

CONTACT

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HOBBIES

Travel
Football
Basketball
Listen Music Watch Movie

REFERENCE

Mr. Zhang Xinhua
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WORK EXPERIENCE

Le Siam Internetwork Co., Ltd
Backend DevOps
August 2022 - December 2022
- Install and Config Ubuntu Server , Other Linux
- Install and Config Docker Kubernetes Nginx Portainer
- Coding REST API NodeJS Express JWT Postman Test api
- Knowledge Java , php, Html5 , CSS
- Create Database MariaDB
- Can use Docker, Kubernetes , Prometheus , Grafana

Metrabyte One Co., Ltd.
Hosting Support
July 2020 – October 2020
- Support Customer - Setup VPS (Windows, Linux) , Cloud Email , Plesk and Directadmin
- Troubleshooting about VPS, Cloud Email ,Plesk and Directadmin , DNS , Domain Name
- Register and Renew Domain Name (GODady)
- Call and reply Email - Server and Network Monitoring

Mono Technology Public Co., Ltd. Systems Admin
January 2020 - May 2020
- Ensure staff can access to the Private System.
- Detect and handle issue causing or Server down.
- Install and Config Server Gateway , DHCP , VOIP , Elastic
- Asterisk , VMware ESXi
- Server Monitoring

TECHNICAL SKILL & CAPABILITIES

1. Backup & Recovery
- **Virtualization Backup:** Proficient in planning and implementing Veeam Backup & Replication for robust VM-level data protection and recovery.
- **Tape Backup:** Experienced in utilizing Veritas Backup for traditional tape-based backup and archival solutions.
- **Hardware Integration:** Skilled in installing and configuring backup hardware, such as Dell PowerVault Tape Drives/Libraries, with host servers for centralized backup management.

2. Virtualization & Hyper-Converged Infrastructure (HCI)
- **VMware:** Expertise in the end-to-end installation and administration of VMware vSphere environments, including vCenter, vSAN, and NSX-T. Proficient in creating clusters (HA/DRS), managing datastores, defining policies, and configuring virtual networks.
- **Proxmox:** Capable of deploying and managing Proxmox VE for enterprise virtualization.

TECHNICAL SKILL & CAPABILITIES

3. Servers, Operating Systems & Automation
- **Server Hardware:** Hands-on experience with installing and managing server hardware from various vendors, including Dell, HPE, Huawei, and Inspur.
- **Windows Server:** Adept at managing critical services such as Active Directory (AD), DNS, DHCP, File Sharing, and WSUS. Experienced in deploying and managing enterprise antivirus solutions (Kaspersky Endpoint).
- **Linux (Ubuntu, CentOS, Red Hat):**
  - **System Hardening:** Strong knowledge of implementing security best practices to harden Linux systems.
  - **Web & Database:** Skilled in installing and configuring Nginx, MySQL, and MariaDB.
  - **High Availability:** Proficient in setting up HAProxy and Keepalived for load balancing and high availability (VIP).
  - **Scripting:** Capable of writing Shell Scripts for automation tasks, including scheduled database backups (cronjob + dump), automated software installation, and resource monitoring (CPU, RAM, Disk).

4. Containers & Orchestration
- **Docker:** Fluent in Docker, including writing Dockerfiles and docker-compose.yml files, managing environments with Portainer, and configuring Docker Swarm clusters.
- **Kubernetes (K8s):** Solid understanding of Kubernetes principles. Capable of writing YAML manifests to create and manage objects such as Pods, Deployments, Services, ReplicaSets, Namespaces, Volumes, and configuring Ingress Controllers.

5. Cloud Computing
- **Multi-Cloud:** Experienced with major public cloud platforms, including AWS, Azure, GCP, and Alibaba Cloud.
- **Core Services:** Proficient in provisioning and managing foundational cloud services like VPC, Compute (EC2), Storage (S3), Managed Databases (RDS), IAM, and Security Groups.
- **Cloud-Native:** Skilled in deploying containerized applications using services like Google Cloud Run and building Kubernetes clusters on major platforms (EKS, GKE, AKS).

6. Backend Development
- **RESTful APIs:** Capable of developing RESTful APIs using Node.js (Express.js), Go (Fiber/Gin), Python (FastAPI), and Java (Spring Boot) to connect with databases and serve frontend applications.
- **Database Integration:** Experienced in building APIs that return JSON responses and integrate seamlessly with MySQL and SQLite databases.

7. Database Management
- **Database Setup:** Skilled in installing and managing MySQL and MariaDB on Linux servers.
- **High Availability & Replication:** Proficient in implementing various database replication strategies, including Master-Slave, Master-Master, and Galera Cluster, to ensure high availability and fault tolerance.
- **DBA Tasks:** Competent in writing SQL queries, managing user accounts and permissions, and designing ER diagrams.

TECHNICAL SKILL & CAPABILITIES

8. Frontend Development
- **React:** Capable of developing web applications using React (via Vite), with a strong understanding of component architecture, state management (useState), Hooks, and data handling.
- **UI/UX:** Proficient in using Tailwind CSS and Bootstrap to design visually appealing and responsive user interfaces. Experienced in building landing pages, portfolios, and admin dashboards.

9. Networking, Security & Storage
- **Networking:** Expertise in configuring network equipment (Huawei, Cisco, Dell), with in-depth knowledge of routing protocols (OSPF, BGP, Static Routes) and VLANs (L2/L3).
- **Security:** Skilled in managing firewalls (FortiGate, Huawei USG6000), including configuring firewall policies, NAT, VPNs (IPsec Tunnels), and static routes to direct traffic to core switches.
- **DWDM:** Foundational experience with DWDM equipment (Huawei) and its management via NCE-T/NCE-IP.
- **Storage:** Proficient in managing enterprise storage arrays (Dell Unity/ME, Huawei) and configuring SAN Switches (Dell, Brocade), including LUN provisioning and fabric zoning.

10. CI/CD & Monitoring
- **Monitoring:** Experienced in deploying and utilizing Prometheus and Grafana to build comprehensive monitoring dashboards for server and application performance.
- **CI/CD:** Proficient with Git and GitHub for version control. Experience implementing basic CI/CD pipelines using Google Cloud Run and actively expanding skills in GitLab and Jenkins for end-to-end automation.

CERTIFICATE

- H3CNE (H3C Certificate Network Engineer)
- HCIA Transmission (Huawei Certificate ICT Associate)
- HCSA Sales-Transmission & Access - Huawei Certified Specialist
- HCSA Sales-Digital Power - Huawei Certified Specialist
- HCSA Sales-Intelligent Collaboration - Huawei Certified Specialist
- HCSP Presales Storage - Huawei Certified Specialist Professional
- VCP-DCV - VMware Certified Professional - Data Center Virtualization 2023
- VCP-NV - VMware Certified Professional - Network Virtualization 2023
- ACA-Cloud Native - Alibaba Cloud Certificate Associate
- ACA-Cloud Security - Alibaba Cloud Certificate Associate
- FutureSkill Cloud Basic Microsoft Azure
- FutureSkill Cloud Architecture Microsoft Azure
- FutureSkill Cloud Design Solution Azure Cloud by Storage and Security
- FutureSkill Cloud AWS - Getting Start With Cloud and AWS
- FutureSkill Cloud AWS - Introduction to AWS Service Core Service
- FutureSkill Cloud AWS - Know Service Network Security and Service on AWS
- FutureSkill Cloud AWS - Workshop Deploy Web Application on EC2 (AWS)

COURSE TRAINING

- Dense Wavelength Division Multiplexing (DWDM) by Huawei
- Storage Course by Huawei
- NCE Basic NE Configuration Course by Huawei
- VMware VCP-DCV vSphere,vCenter Online Course
- VMware vSAN Online Course
- VMware NSX-T Data Center NSX Manager Online Course
- Proxmox Installation and Config Online Course
- Presale Huawei Storage Online Course
- Presale Server xFusion Server Online Course
- ACA-Cloud Native - Alibaba Cloud Certificate Associate Course
- ACA-Cloud Security - Alibaba Cloud Certificate Associate Course
- ACA-Cloud Compute - Alibaba Cloud Certificate Associate Course
- Cloud Basic Microsoft Azure
- Cloud Architecture Microsoft Azure
- Cloud Design Solution Azure Cloud by Storage and Security
- Cloud AWS - Getting Start With Cloud and AWS
- Cloud AWS - Introduction to AWS Service Core Service
- Cloud AWS - Know Service Network Security and Service on AWS
- Cloud AWS - Workshop Deploy Web Application on EC2 (AWS)