

THONG TRAN

DevOps Enginner

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EDUCATION

2015 – 2019	UNIVERSITY OF TECHNOLOGY AND EDUCATION HCM CITY	HCM City, VN
Information Technology		
May 2018	Agile Software Development with Scrum	HCM City, VN
OCT 2019	CMC IT Helpdesk Course	HCM City, VN

EXPERIENCE

2024 – Now	PKH APPLICATION JOINT STOCK COMPANY	HCM City, VN
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DevOps Engineer

- Designed and operated scalable cloud infrastructure, including secure VPC segmentation, microservices architecture, cost planning, and disaster recovery strategy.
- Built and maintained self-hosted GitLab CI/CD platform for multi-service, multi-environment deployments across Kubernetes and VM workloads.
- Used GitOps (ArgoCD) and automated security scans in CI/CD pipelines to improve deployment consistency and security.
- Managed observability stack (Prometheus, Grafana, Zabbix, ELK, Uptime Kuma, Doris, Vector) with proactive monitoring, alerting, and centralized logging strategy.
- Hardened infrastructure through firewall policies, SSH hardening, port restriction, fail2ban, and strict database access control.
- Automating deployment, scaling, and management of containerized applications
- Managed secrets and secure access control across environments (Kubernetes Secrets, VPN, Teleport).
- Project: medpro.vn, Smalljobs, some bTaskee events, bTaskee CMS,...

2022 – 2024	APOLO TECHNOLOGY SOLUTIONS COMPANY LIMITED	HCM City, VN
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DevOps Engineer

- Design, implement, and maintain CI/CD pipelines using tools such as GitLab CI, and GitLab Runner to automate software delivery processes.

- Backup, migration, deployment of Projects on Kubernetes architecture managed by VMware vSphere, managing containerized applications, configuring Kubernetes clusters, and ensuring high availability and scalability of the infrastructure.
- Setting up CI/CD pipelines for Helm charts, data pipelines, and services developed in Python, Node.js, etc...
- Monitor and troubleshoot production systems using tools like Prometheus, Grafana to ensure high availability, performance, and reliability.
- Operating and upgrading Container Orchestration Platform using Rancher, Kubernetes
- Write Helm Charts, deploying, and managing application versions
- Write technical documents and deployment runbooks for stakeholders.
- Scan and check for CVE vulnerabilities.
- Configure and deploy data pipelines using Logstash, Spark, Airflow, and NiFi for ETL. Operate and handle data streams in production.
- Participating in the development of a data platform.
- Project : Hermes, Data Platform IDM.

2021 – 2022 **BIN CORPORATION GROUP JSC** HCM City, VN

Linux System Admin

- Configure, deploy, and operate Zimbra mail server.
- Manage VPS on VMware ESXi, OVH, centrally managed via vCenter, Asterisk PBX.
- Setting up servers as requested by superiors.
- Maintenance and backup, transfer databases.
- Configure and deploy services with EC2, manage DNS services with Route53, configure NAT Gateway, ACL, RDS, and Security Group for the database.
- Research monitoring for Mail server with Grafana and Prometheus, Jenkins, Docker, and Git.

2019 – 2022 **KPMG VIETNAM** HCM City, VN

IT Service

- Basics of systems and networks.
- Installing drivers for peripheral devices.
- Installing scanners, fingerprint readers, printers, and webinars.
- Providing remote user support and software installation.
- Researching and deploying VMware ESXi and vCenter.

- Installing operating systems for laptops and PCs.

SKILL & ABILITIES

Languages : English

Technical :

- **Hardware** : Router, Switch, Laptop, UPS, Server Dell PowerEdge, etc...
- **System Administartor**: Setup server, Setting up & configure Vmware ESXI, iDRAC , Mail Server, VoIP, Zabbix, Nginx, ShellIngn, Prometheus, Grafana.
- **DevOps & DataOps** : Kubernetes, CICD, Git, GitLab, Docker, Helm, ArgoCD, Ansible, Elasticsearch, Logstash, Filebeat, Minio S3, Mysql, Mongodb, Kafka, Kafka Connect, Neo4J, Spark, Airflow, NiFi, Airbyte.
- **Cloud technologies**: Aws, Azure.