

CURRICULUM VITAE

Personal Details

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Professional Qualification

- Over 10 years of experience in the ICT industry: Security, Operations, Maintenance Systems, and Building Open Source Software.
- Provide web, forum open source solutions: vBulletin, Laravel, Magento, WordPress, etc.
- Good knowledge about TCP/IP.
- Programming: Python, Bash shell.
- Experience in solutions:
 - On-premise:
 - Database: MySQL, MSSQL, MongoDB.
 - In-memory database: Memcached, Redis.
 - Message Broker: RabbitMQ, Redis.
 - Web Server: IIS, Apache, Nginx, Tomcat.
 - HostIDS - NetIDS: OSSEC, WAZUH.
 - Firewall: Iptables, Shorewall.
 - Mail Server: Zimbra.
 - High Availability - Load Balancing: Nginx, HAProxy.
 - Search Engine: Elasticsearch, Sphinx.
 - Clustering: Elasticsearch, MongoDB, Redis, DynomiteDB.
 - VPN: OpenVPN, Draytek.
 - Monitoring - Alerts: Zabbix, ELK stack, Grafana-Prometheus.
 - Automation Tools: Packer, Ansible, Terraform.
 - CI/CD Tools: Jenkins, Argo CD, Gitlab runner. Github Action.
 - Virtualization - Containerization - Orchestration: Docker, VMWare ESXi, VirtualBox/Vagrant, Kubernetes.
 - Cloud:
 - AWS: VPC, EC2, RDS, EKS, etc.
 - GCP: VM, BigQuery, Storage, App Engine, etc.
 - Application Security - Performance Testing Tools:
 - Kali Linux Platform: Burp Suite, Nmap, Wireshark, etc.
 - Apache Jmeter.

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- Data Analysis - Visualization:
 - Python NumPy, Pandas, Seaborn, Google Colaboratory.

Professional Experience

2020 - now: Freelancer.

Position: System Engineer.

- Focus on cloud technologies to support critical business solutions and working closely with Operations and Server Administration provisioning the highly available with LAMP Stack, Nodejs.
- Responsible for Deployment Automation using multiple tools Ansible, Packer, Terraform, Jenkins, Argo CD, Gitlab, and Python/Bash scripts to automate the CI/CD model.
- Perform research on AWS resources or tools to recommend to clients.
- Utilize the Cloud calculator to produce a budget for a project on AWS.

2017 - 2020: LINE Vietnam JSC (member of LINE Corp).

Position: System Supervisor/ Scrum Master.

- Work as System Supervisor:
 - Consult technical solution/ system architect on Windows/Linux OS.
 - Monitor and maintain system hardware and networks. Ensuring the system and server operate smoothly.
 - Design, install, configure, troubleshoot, and manage our VMWare/ AWS/ Private-Cloud/ Linux servers.
 - Ensure safety and security for the system and network.
 - Develop and execute Performance Testing scripts for loading test of API and Webservices testing using Apache JMeter.
 - Responsible for web application vulnerabilities (OWASP TOP 10) to review application source code to find its security vulnerabilities (CSRF, XSS, SQL Injection, etc.).
 - Automate the processing of hundreds of millions of rows from MySQL to improve real-time reporting of product metrics.
 - Implement data visualization strategies to meet the BOD's expectations and flexibly change details in the design process.
- Work as Scrum Master:
 - Lead a team in an Agile-Scrum mode.
 - Trace project status, achievements, timings, risks, open issues, etc.
 - Involve in defining and improving an internal process.
 - Communicate project status and issues with a management team.
 - Generate project/program reports for executive management with metrics from Jira.

ACHIEVEMENT:

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- Finish guidelines of security system complying with rules of MIC (Ministry Of Information And Communications).
- Successfully migrate, and optimize WTT 1.0 (server-side rendering) to WTT 2.0 (client-server side rendering).
- Win the award for excellent employee of the year.
- Win the award for excellent employee of the month.
- Design a system that receives over 50k CCU.

2012 - 2017: Project Lana Backed by IDG Ventures Vietnam.

Position: Senior System Engineer.

- Research, deploy, maintain and report to System Manager about an opensource solution such as File system, Mail system, Firewall, Web server, Database, High availability - Load balancing, Fail-Over, etc. based on Linux system.
- Design and implement LAN, WAN, firewalls, VPNs, and other network systems.
- Identify security vulnerabilities and implement procedures to ensure the data center meets all security requirements
- Create detailed documentation on all systems to help the IT team understand them.
- Troubleshoot network and production issues and perform root-cause analysis.

ACHIEVEMENT:

- Successfully implement disaster recovery solutions and achieved 99,99% uptime for all servers.
- Build systems for task management to serve hundreds of users.
- Being awarded the prize of an outstanding employee of the month.

Soft Skills

- English: reading, writing.
- Strong analytical and problem-solving skills.
- Customer service and interpersonal skills.
- Good at technical activities.
- Hardworking and reliable person.
- I am a keen learner who can meet all deadlines.
- Good team player, able to work in a team or individually.

Education Background & Certificate

- Bachelor of Science, IT major, HCMC College of Technology and Industrial Management.
- Training course: LPI 1-2-3, CompTIA Security+, MCSA, MCSE, AWS SAA-C02, Data Analysis.