NGUYỄN TRÍ HIẾU

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Profile

Highly motivated DevSecOps Engineer with 4 years of experience in developing, deploying, maintaining, and securing the application. Advanced knowledge in monitoring, operation systems and Networking, coupled with in-depth knowledge of backend development and cybersecurity.

Experience

DEVOPS ENGINEER | ORIENT COMMERCIAL JOINT STOCK BANK | 06/2024 - PRESENT

· Managed and maintained the Core Card firmware production environment. Deployed and configured Kubernetes clusters, implemented robust monitoring systems, streamlined infrastructure provisioning and incident response with ChatOps integration and GitOps pipelines.
· Implement robust observation system to fully monitor infrastructure, payment transaction with Grafana Stack, custom script to expose metrics. Leading to completely remove disruption, reduce transaction timeout rate, identifying potential issues quicker.
· Developed efficient PowerShell scripts to eliminate the need for 100% of manual daily tasks, improving operational efficiency and reducing manual errors.
· Maintained Way4 Card Issuing platform, collaborated with major payment networks (Mastercard, Visa, JCB, Napas) to enhance system functionality, upgrade infrastructure and ensure PCI-DSS compliances.

DEVSECOPS ENGINEER | VIETTEL SOLUTIONS | 04/2022 – 05/2024

· Led a four-person team to successfully manage server infrastructure, network connectivity, and application security for 24/7 service availability and optimal performance.
· Fostered a collaborative environment by coordinating effectively with infrastructure, network, cybersecurity, development, and NOC teams.
· Managed, maintained, and deployed over 20 applications across SIT, UAT, and production environments, ensuring smooth operation and swift incident resolution.
· Established automated monitoring systems for proactive issue identification and rapid remediation.
· Owned information security for the VTS Southern branch, encompassing VPN configuration, PC security, and adherence to standards and regulations.
· Performed comprehensive penetration testing (SAST, DAST, and manual) for web applications, contributing to a robust security posture.
· Spearheaded the development and implementation of a DevSecOps pipeline utilizing Jenkins, Apache Ant, Ansible, GitLab, Fortify, and SonarQube for accelerated delivery with integrated security.

SOFTWARE ENGINEER | TMA SOLUTIONS | 02/2021 – 04/2022

· Provided outsourced software development services to leading American companies within the telecommunications industry.
· Managed the software lifecycle for the VoIP applications written in C++ and Java, including developing new versions, implementing feature enhancements, and delivering timely security patches.

- Demonstrated expertise in server installation and configuration within VMware vCloud environments, develop authentication function via LDAP, including scripting automated processes for efficient configuration and deployment.

Education

BACHELOR OF ELECTRONICS AND TELECOMMUNICATIONS | 10/2021
HO CHI MINH UNIVERSITY OF TECHNOLOGY (BKU)

Skills & Abilities

- Cloud Platforms: AWS, OpenStack
- Containerization: Docker, Kubernetes
- CI/CD: ArgoCD, Jenkins, GitLab, SonarQube
- Infrastructure as Code: Terraform, Ansible
- Scripting: Python, Bash, PowerShell
- Monitoring & Logging: Prometheus, Grafana Stack, ELK Stack
- Networking: VPN, Load Balancing
- Programing Languages and Frameworks: Java, Spring Boot
- Security: Burp Suite, Fortify, ISO 27001, PCI-DSS Compliance
- Database: Oracle, MySQL
- OS: Ubuntu, RHEL, CentOS, Windows Server
- Others: Openway Way4, Telebot, LDAP, Tomcat

Courses and Personal Project

- Course: AWS Cloud Operator (SysOps) [2024]
- Course: AWS Cloud Practitioner Essentials [2023]
- Responsive, multiple languages resume [2022] [HTML, CSS, JavaScript]
- Graduation thesis: Signal demodulation with Machine learning in OLED Visible Light Communication [1 year research in laboratory - 2021] [Python, PNN, GRNN, DTNN]
- Sample Serverless API [2024] [AWS Localstack, Serverless, NodeJS]
- Cheat sheet - How it works [2023] [OpenStack, Java, Tomcat]
- 3D Portfolio [2023] [HTML, CSS, ThreeJS]

Languages

- Vietnamese
- English
- Japanese