PHAN MINH QUAN

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EDUCATION

Vietnam-Korea University of Information and Communication Technology (VKU) (The University of Danang)
Sep 2022 – Present
Bachelor of Science in Network and Information Security
GPA: 3.36/4.00
Recipient of Academic Encouragement Scholarship

PERSONAL PROJECTS

Cloud-Native DevSecOps & Automated Incident Response (2026)
• Deployed containerized applications on AWS using EC2, RDS, ALB and S3.
• Built Docker and Jenkins CI/CD pipelines.
• Integrated SonarQube, Trivy and OWASP ZAP for security scanning.
• Implemented serverless SOAR using Wazuh, EventBridge and Lambda.

Centralized Network Monitoring Infrastructure (2025)
• Implemented Nagios Core and Icinga 2 monitoring solutions.
• Used MySQL and Grafana for data retention and visualization.
• Automated alerts through Telegram and Email.

Hierarchical Network Design & Load Balancing Deployment (2024–2025)
• Designed a secure 3-tier network for 3,600 users using OSPF, VLANs and HSRP.
• Implemented Multi-WAN ECMP, HAProxy and MySQL Master-Slave replication.

EXTRACURRICULAR ACTIVITIES

Capture The Flag (CTF) Competitor
• Participated in university-level cybersecurity competitions.
• Solved Web Security and Network Analysis challenges.

SKILLS

Cloud & DevOps: AWS, Docker, Jenkins
Security & DevSecOps: Wazuh, SonarQube, Trivy, OWASP ZAP, ModSecurity WAF, Cisco ASA, IDA Free, Ghidra, Volatility
Networking & Infrastructure: pfSense, HAProxy, MikroTik, UniFi, OSPF, RIP, VLAN, STP, VTP, HSRP, NAT, QoS
Monitoring & Databases: Nagios Core, Icinga 2, Grafana, MySQL/MariaDB
Programming & Tools: Python (boto3), Bash, C/C++, SQL, Cisco Packet Tracer
Languages: English (actively improving technical communication)

AWARDS & ACHIEVEMENTS

• Academic Encouragement Scholarship
• Completed multiple enterprise-scale networking, monitoring, cloud and cybersecurity projects
• Active participant in cybersecurity competitions and practical security research