

DANG DUC TAI

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OBJECTIVE

Final-year Information Security student passionate about DevOps practices, focusing on automation, CI/CD pipelines, containerization, and monitoring. Seeking an opportunity to apply my skills in building scalable, reliable, and cloud-native infrastructures, with a long-term aspiration to grow into a DevSecOps engineer who integrates security, scalability, and performance into enterprise-level systems.

EDUCATION

University of Information Technology - VNU-HCM 2022 - 2026
Major in Cyber Security
◦ GPA: 8.47/10 . [🔗](#)

SKILLS

- **Programming Languages & Scripting:** Python, C/C++, C#, Bash, JavaScript
- **DevOps & Cloud:** Docker, Kubernetes, Microsoft Azure, Helm, AWS EC2, MinIO, Longhorn
- **Databases:** MySQL, PostgreSQL, MongoDB, Microsoft SQL Server
- **Operating Systems:** Linux, Windows Server
- **Security Tools:** Wireshark, Snort, Suricata
- **Soft Skills:** Teamwork, Problem-Solving, Adaptability, Time Management, Communication

PROJECTS

- Performance Testing System with k6 on Kubernetes** . [🔗](#) *Jun 2025 – Present*
- Built a performance testing system on Kubernetes using k6 for load testing
 - Implemented data pipeline with Kafka and Telegraf to stream test metrics and Stored in InfluxDB v2
 - Built real-time monitoring dashboards with Grafana, Prometheus and Loki
 - **Tools Used:** k6, Kubernetes, Kafka, Telegraf, InfluxDB v2, Grafana, Prometheus
- Deploy KVM Virtualization Tools (4 Main Scenarios)** . [🔗](#) *Sep 2024 – Dec 2024*
- Built a simple internal network on VMWare consisting of 3 virtual machines using KVM virtualization
 - Deployed one web server and one data server
 - **Tools Used:** KVM, Linux, Django, Gunicorn, Nginx, MySQL
- Confidentiality and Access Control in Amazon RDS MySQL** . [🔗](#) *Jan 2024 – May 2024*
- Implemented data encryption for SQL databases using AES-GCM-256
 - Encrypted AES key with Ciphertext-Policy Attribute-Based Encryption (CP-ABE)
 - Applied Attribute-Based Access Control (ABAC) to enforce fine-grained cloud access
 - **Tools Used:** Amazon RDS, MySQL, AES-GCM-256, CP-ABE, ABAC

AWARDS

Academic encouragement scholarship by UIT . [🔗](#) *Oct 2024*
(Top 10% of students in Cyber Security major)