

# Van Viet Hieu Anh

📍 Ho Chi Minh City, Vietnam    ✉ vanviethieuanh@gmail.com    ☎ 0946 378 852    🌐 vanviethieuanh

## Summary

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SRE / DevOps / Cloud Engineer with 3 years of experience in automation and cloud infrastructure, who believes programming is about automating the repetitive to focus on true engineering craftsmanship.

## Experiences

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**Consultant**, Netcompany - NLP (Nordea Life & Pension) – Ho Chi Minh City    Jan 2023 – Feb 2025

- Designed and implemented reusable Terraform modules to enable secure, scalable, and compliant deployments on Azure, aligned with organizational standards.
- Authored and promoted best practices to improve the security posture and scalability of cloud operations.
- Managed Azure resources across hundreds of subscriptions using Landing Zone architecture to ensure consistency, compliance, and high performance.
- Configured, maintained, and optimized Azure networking components—including VNets, peering, VPN gateways, subnets, and Azure Firewall to meet compliance policies and industry security standards such as OWASP.
- Diagnosed backend issues within Azure Cloud Service Provider when cloud resource modification operations encountered unexpected failures on provider side.
- Provided architectural support for developers during the migration of repositories from AWS to Azure, integrating and enhancing workflows using JavaScript and TypeScript.

**Consultant**, Netcompany - Flexdanmark – Ho Chi Minh City    June 2022 – Jan 2023

- Configured Keycloak for SSO and OIDC, integrating identity providers using information programmatically extracted from documentation with a custom-built tool.
- Set up Apache JMeter for distributed performance testing across multiple nodes.

**System Operator**, Personal Homelab    June 2024 – present

- Built a hybrid cluster from an old laptop and cloud VMs, bridged using WireGuard and manage them with K3S.
- Use Jenkins to manage pipelines to perform Data ETL processes.
- Utilized GNU tools for simplification the workload to handle parallelism and semaphores in programming.

**System Operator**, UIT (VNUHCM) - Competitive Programming Contest – Ho Chi Minh City    Sept 2019 – Dec 2020

- Deployed and maintained ICPC contest system using Docker and Nginx for reliable high-demand performance.

## Certifications

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- **AZ900 - Azure Fundamentals** - Microsoft
- **Computational Thinking for Problem Solving** - University of Pennsylvania

## Education

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**BS**    **University of Information Technology - VNUHCM**, Computer Science – Ho Chi Minh City    Sept 2019 – Nov 2023

- **GPA:** 8.00/10.00

## Skills

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**Infrastructure as Code (IaC) & Cloud Providers:** Terraform, Ansible, Azure, AWS, Backblaze

**DevOps & Automation Tools:** Azure DevOps, Jenkins, Github Actions, PowerShell, Bash, Python, Taskfile, Linux Utilities

**Collaboration:** Experienced in international, cross-time-zone teams across PL, DK, and NL