

Van Viet Hieu Anh

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Summary

I have a strong foundation and years of experience with Asynchronous and Parallel Processing in Python, including concepts like Mutex, Arc, and Semaphore. Over the years building such applications, I continuously synthesize practical insights and never hesitate to explore alternative approaches to solving complex problems.

Experiences

Netcompany - NLP (Nordea Life & Pension), Consultant

Ho Chi Minh City
Jan 2023 – Feb 2025

- Implemented a Python application to automatically synchronize, analyze, and generate reports using asyncio with semaphores for controlling concurrent tasks.
- Built a custom Azure DevOps Python task to synchronize and validate Azure APIM API configurations across repositories.
- Migrated repositories from AWS to Azure, integrating and optimizing with JavaScript/TypeScript.

Personal Homelab, System Operator

June 2024 – present

- Designed a pipeline to collect, process, and organize hundreds of gigabytes of text files using Python, Rust, FFMPEG, and GNU Parallel.
- Built a hybrid cluster combining an old laptop and cloud VMs, utilizing WireGuard VPN and deploying services with K3s and Helm.

Netcompany - Flexdanmark, Consultant

Ho Chi Minh City
June 2022 – Jan 2023

- Developed a Python application to scan documents and assist in generating accurate authentication system configurations.
- Configured Keycloak for SSO and OIDC integration with multiple identity providers and hundreds of user roles.
- Performed system performance testing and tuning.

UIT (VNUHCM) - Competitive Programming Contest, System Operator

Ho Chi Minh City
Sept 2019 – Dec 2020

- Operated and maintained contest systems using Docker, Nginx, and PHP, ensuring stability and high availability during peak usage.

Certifications

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

Education

BS **University of Information Technology - VNUHCM**, Computer Science
• **GPA:** 8.00/10.00

Ho Chi Minh City
Sept 2019 – Nov 2023

Skills

Programming: Python, JavaScript, TypeScript, C#

Infrastructure as Code (IaC): Terraform

Cloud & DevOps: Azure, Azure DevOps, Jenkins, PowerShell, Bash, Groovy

Collaboration: Experienced in international and cross-time-zone environments.

Side Projects

[Lissajous Curve](#) | [Richard Feynman's Ellipse](#) | [Scheduling Algorithms](#) | [Page Replacement Algorithms](#) |

This CV was generated using a GitHub Workflow based on a YAML configuration.