Nguyen Don The Kiet (Strix The Kiet)

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SUMMARY

Results-oriented Cloud Engineer with hands-on experience in **DevOps**, cloud infrastructure management with **Terraform**, and back-end development with **Python**. Proven expertise in optimizing cloud resources and implementing robust **CI/CD** pipelines with **Jenkin**, contributing to commercial systems with **99.95% uptime**. Proficient with **Linux**, major cloud platforms (**AWS** and **Google Cloud**), and critical tools including **Kubernetes**, **Docker** backed by a **Google Cloud Professional Cloud Architect certification**.

TECHNICAL SKILLS

Programming Languages: Python, Bash, SQL, Java, C#

Cloud Platforms: Google Cloud, AWS, Azure, Proxmox

Infrastructure & DevOps: Cloud Custodian, Kubernetes, Docker, Terraform, Jenkin, Ansible, Jenkins, ArgoCD

Databases: MySQL, NoSQL, MongoDB, Firestore, DynomoDB

Project Management & Collaboration: Confluence, Rally, Notion

EDUCATION

University of Technology Sydney (UTS)   Sydney, Australia
M.S. in Information Technology, Enterprise Software Development

VinUniversity   Hanoi, Vietnam
B.S. in Computer Science, Cybersecurity

Kiettisack International School   Vientiane, Laos
Cambridge CIE AS&A Levels

EXPERIENCE

FinOps Cloud Engineer Graduate   July 2025 – Sep 2025
National Australia Bank - NABICVN   *Hanoi, Vietnam*

• Participated in engineering and deploying **Cloud Custodian** policies to **automate** cost-optimization across over **900 AWS non-production accounts**

• Built an **automated testing framework** which accepts test cases in CSV format (EC2 configurations before and after Cloud Custodian execution), build those resources using **Terraform** and execute **end-to-end testing**, currently used at every deployment

• Led a team of 4 interns in building a **FinOps Unified Portal**, an all-in-one platform to view/action on potential saving opportunities, and schedule batch jobs to scan for new saving opportunities

FinOps Cloud Engineer Intern   March 2025 – July 2025
National Australia Bank - NABICVN   *Ho Chi Minh City, Vietnam*

• Automated collection, ingestion and applying **AWS Compute Optimizer** recommendations

• Designed, deployed, and automated the scheduling and execution of **custom-made policies**

• Built **100%** of NAB's Cloud Custodian infrastructure to **Terraform**, including **dashboards** and **alarms** for monitoring, leveraging internal modules for enhanced security and compliance

Cloud Engineer Intern   March 2024 – July 2024
Viettel Group - Viettel Digital Solution   *Hanoi, Vietnam*

• Developed a full-stack student management web app using JavaScript, FastAPI, and MongoDB, with infrastructure automated via **Ansible** playbooks

• Built a **CI/CD** pipeline using **GitHub Actions** to automate tests, builds, and deploy Docker images to a private repository

Product Recommendation Engineer (contract) Jan 2024 – June 2024
Teemazing - TrendingCustom *Hanoi, Vietnam*

• Built a highly available (**99.95% SLA**) and low latency (**95% of requests handled within 50ms**) recommendation system on cloud infrastructure using FastAPI and Google's semantic embeddings, providing real-time similar product recommendations for each customer interaction

• Optimized cloud scalability and storage to support over **5 million monthly interactions** by implementing load balancing and horizontal scaling, resulting in a **29%** increase in **CTR** on product page and a **13%** increase on cart page within the first month of rollout

• Developed a cloud-based CI/CD pipeline for seamless deployment of new product data, reducing manual work by **5 man hours daily** and enabling rapid integration of new recommendations

PROJECTS

VsExam Sep 2024 – Present
AIO exam taking & monitoring solution as VSCode extension *Python, FastAPI, Docker, Self-host, VSCode*

• Developing an application designed to **replace paper-based exams** for IT and Computer Science students; featuring a secure, real-time monitored extension for taking exams on Visual Studio Code on **personal computer**

• Enables teachers to create exams with preset configurations and timing, while monitor and record any mouse clicks outside the application using **event-driven architecture** with WebSocket. Additionally, allow students to submit codes to the server, receive scores, and view pass/fail test cases

• Conceptualized, managed, and deployed the application to VSCode marketplace and self-host at **https://vsexam.strixthekiet.me**

• Currently on trial for programming exams at VinUniversity

Cloud Custodian June 2025 – Present
5800 stars open-source project for managing multi-cloud infrastructure in readable policies *Python, AWS*

• Identified and diagnosed bug in updating configurations of multiple AWS Lambda functions in single policy

• Propose fix and create test cases aligned with Cloud Custodian format

• Officially contributed to Cloud Custodian with fix being merged into the main branch

Self-host private cloud July 2024 – Present
@ https://cloud.strixthekiet.me *Proxmox, Networking, Site reliability, Virtualization*

• Self-hosted multiple personal projects, including Obsidian personal note-taking (note.strixthekiet.me), note editing, Jellyfin movie server, **torrent** network on **Promox OS**

• Provide 24/7 VPS rentals with virtual machines to friends for remote coding/work and VPN server

CERTIFICATIONS & AWARDS

• 2025 June: Full-ride Master scholarship in UTS by Vingroup - Science & Technology Scholarship Program for Overseas Study

• 2024 Dec: First Prize - Outstanding Individual in VP Bank - AWS Cloud Quest 2024

• 2024 Feb: Google Cloud Professional Cloud Architect by Google

• 2022 Mar: IELTS 7.5