

NGUYEN DON THE KIET (STRIX)

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SUMMARY

Enthusiastic Computer Science student with hands-on experience in cloud engineering, **DevOps**, and backend development. Proficient with **Linux**, cloud platforms (Google Cloud, AWS, Azure) and tools like **Kubernetes**, **Docker**, and **CI/CD** pipelines, achieving **99.95% uptime** in commercial systems. Strong technical foundation supported by a **Google Cloud Professional Architect certification** and a track record of academic excellence.

TECHNICAL SKILLS

Cloud Platforms: Google Cloud, AWS, Azure, Proxmox

Infrastructure & DevOps: Kubernetes, Docker, Terraform, Ansible, CI/CD, Helm

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

Databases: MySQL, NoSQL, MongoDB, Firestore, DynamoDB

EXPERIENCE

Viettel Group

March 24 - July 24

Viettel Digital Solution - Cloud Engineer Intern

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.
- Deployed and secured the app on Kubernetes with ArgoCD, HelmChart, and monitored with Prometheus and ElasticSearch, adding authentication and rate-limiting.

Teemazing

January 24 - June 24

TrendingCustom - Product Recommendation Engineer

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.

EDUCATION

VinUniversity - Bachelor of Science in Computer Science

Hanoi, Vietnam

GPA: 3.71

2022 - 2026

- Honors: 80% scholarship; 2022 FALL, 2023 FALL & SPR Dean's list.
- Relevant courses: Software Construction, Computer System, OOP, Programming, Algorithm Design, Discrete Mathematics, Advance Probability & Statistics, Artificial Intelligence, Calculus 2, Physics, Critical Thinking.

Kiettisack International School - Certified Cambridge Highschool

Vientiane, Laos

GPA: 3.96

2020 - 2022

- Awarded 100% scholarship with achievement in Cambridge IGCSE (A*A*A*A*A*A*) and A-Level (A*AA)
- Won 3 gold medals in international mathematic competitions (SASMO, WMI, ISMO)

PROJECTS

VsExam | *VSCode, FastAPI, Docker, Rest*

September 24 - Present

- 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 at <https://vsexam.strixthekiet.me> in self-host server.

Self-host private cloud @<https://cloud.strixthekiet.me> | *Proxmox, Virtualization, Networking*

July 24 - Present

- Self-hosted multiple personal projects, including Obsidian personal note-taking (note.strixthekiet.me), note editing, Jellyfin movie server.
- 24/7 VPS rentals: Provide virtual machines to friends for remote coding/work and VPN server.

SynapticVault | *Google Cloud, Python, FastAPI, Docker, NoSQL*

January 24 – June 24

- Available at synapticvault.com with more than 100,000 pageviews in the second month of release.
- Designed and deployed solution to run Augmented Retrieval on content of the notes to answer users' questions.
- Designed a free, scalable NoSQL database to store chat history and notes' feature vector on Google Cloud.
- Implemented CICD pipeline for automatically pushing new content to users with new note commit.

Vingenie | *Google Cloud, Python, Gemini, FastAPI, Git, NoSQL, DDNS*

September 23 - January 24

- Available at vingenie.pages.dev, MVP of an Vinuniversity's AI-chatbot.
- Designed and deployed solution to use LLM chatbot on Google Cloud with text extraction from VinUni website.
- Designed a free, scalable NoSQL database to store chat history on Google Cloud.

CERTIFICATIONS

Google Cloud Professional Cloud Architect by Google

Issued Feb 2024 - Feb 2026 - Credential

IELTS: 7.5

Issued Mar 2022 - Mar 2024

AWARDS

VP Bank - AWS Cloud Quest 2024 First Prize - Outstanding Individual