

## Contact

[www.linkedin.com/in/nguyenduongdotme](https://www.linkedin.com/in/nguyenduongdotme) (LinkedIn)  
[nguyenduong.me](https://nguyenduong.me) (Portfolio)

## Top Skills

CDN  
Ceph  
Cloud Development

# Duong Nguyen

Lead DevOps Engineer  
Ho Chi Minh City Metropolitan Area

## Summary

That would be me – Duong. Worked as a CDN systems development engineer for VNG Corporation.

It is a good work, but I am always seeking for greater opportunities abroad, especially in Thailand, which is a place I wish to visit at least once a year.

Please have a look at my CV and contact me if you are interested in me and your business culture is conducive to young individuals that like flexibility.

My Profile: <https://nguyenduong.me/>

My CV: <https://www.nguyenduong.me/cv.eng.download>

Email: [contact@nguyenduong.me](mailto:contact@nguyenduong.me)

#ENTJ

Want to know my work? Please read more at <https://www.nguyenduong.me/2021/09/what-is-cdn-how-does-cdns-work.html>

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## Experience

DatVietVAC Group Holdings

2 years 6 months

Lead DevOps Engineer

January 2024 - Present (1 year 3 months)

Ho Chi Minh City, Vietnam

Senior DevOps Engineer

October 2022 - January 2024 (1 year 4 months)

Ho Chi Minh City, Vietnam

VNG Corporation

Senior Systems Development Engineer

April 2019 - September 2022 (3 years 6 months)

## Vietnam

Feb 2022 - Now

Product vCDN & ecosystems, Technical Lead

- Media Services: My team and I developed corresponding service cores for VNG Cloud, vEncoder, based on ideas from AWS MediaConvert.
- Authoritative DNS: The system that takes an address, such as google.com, and returns information about the resources (such as IP addresses) in that zone is known as authoritative DNS. A typical transaction would look like this: A user enters an address into a web browser, or an application calls out to a given name of an Internet resource. This core service for VNG Cloud was developed by my team and me.

Apr 2019 - Feb 2022

Research and construct CDN components for VNG Cloud:

- vCDN Request Router (Lua): Optimize the traffic coordination system for VNG Cloud's CDN service, so that it can handle traffic up to 5Tbps during peak hours.
- Multi CDN Selector (Python, Lua): Without impacting customers, my system automatically distributes traffic to third-party CDN providers such as Akamai and AWS when VNG Cloud's traffic approaches its threshold.
- Analytics (Lua, BashShell): Optimize the log processing mechanism for CDN's edge servers. Provide clients with near-real-time access to live stats.
- CDN Edge Servers (Lua): Provide the lowest latency and most serviceability to End-clients. Every day, static data transmission, video on demand, and live streaming contents are supported in vCDN Edge Servers, as well as huge events that need high loads and highly large concurrent users.

## FPT Online

System Administrator

December 2017 - March 2019 (1 year 4 months)

## Vietnam

[Product VNExpress.net]

Elaboration and optimization of the VNExpress.net system to service a high number of visitors

at the same time, especially during big-scale online activities such as football

VinaHost.vn

System Administrator

July 2016 - December 2017 (1 year 6 months)

Ho Chi Minh City, Vietnam.

DIGISTAR.VN

Technical Support Lead

June 2015 - July 2016 (1 year 2 months)

Ho Chi Minh City, Vietnam.

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## Education

Ton Duc Thang University

Bachelor's degree, Computer Science · (2011 - 2015)