

(+65)94681861 | (+84)925226173

Ho Chi Minh, Vietnam

[phamdung2511@gmail.com](mailto:phamdung2511@gmail.com)

# DUNG (JACK) PHAM

Backend Developer | Full-stack Developer

[github.com/tiendung1510](https://github.com/tiendung1510)

[linkedin.com/in/dungpgt](https://linkedin.com/in/dungpgt)

## SUMMARY

I'm a Backend / Full-stack developer with various experiences in turning ideas into high-scale & robust systems for many sizes of businesses from small to giant. Demonstrated ownership and a can-do attitude, I always committed to delivering high-quality results in fast-paced settings. Technical expertise with experience in many cutting-edge technologies

## SKILLS

- Languages: **Java, Javascript, SQL**, Typescript, Go, HTML/CSS.
- Frameworks: **Spring Boot, Node.js, Nest.js**, React.js, Ant.design, Tailwind.css.
- Others: **MySQL, Redis, Kafka, ELK**, Docker, Nginx, Grafana, AWS.
- Communication: **Vietnamese**, English.

## WORKING EXPERIENCES

### Backend Engineer

Nov 2022 - Jun 2023

*Binance - Card Promotion team*

*Remote*

- Led a project to design and develop new promotion where users will get cashback when they make their first transaction using Binance card and save their card information for future transactions.
- Participated in a new promotion that allow users to buy discounted items with their Binance Card, it helped Binance attract more than 5 times the number of card orders per day during this promotion period.
- Built a module to send reminder at a time in the future by using background job mechanism.
- Got laid off due to the difficult financial situation of the company.

Java Spring Boot Dubbo RPC MySQL Kafka Redis ELK Grafana Docker Unit Test

### Backend Engineer

Aug 2022 - Sep 2022

*Shopee, Sea Group - Marketplace Intelligence team*

*Singapore*

- Worked at the Marketplace Intelligence team but got laid off after 4 weeks of working here because of the difficult financial situation. I put the name here because it still a big achievement for me.

Go gRPC MySQL Kafka Redis ELK Grafana Docker

### Senior Fullstack Developer

Apr 2021 - July 2022

*MCVGo, MCV Group (Startup) - Core team*

*Ho Chi Minh, Vietnam*

- Built a real-time interactive system to organize gaming sessions like Kahoot, and Confetti (Facebook), which can scale horizontally and handle 10k concurrent players on a server with 8GB RAM, 4vCPU
- Built an IAM system that supports SSO, and central role/permission management based on Keycloak for internal admin tools which can easy to integrate and save a lot of team development time.
- Built a notification system that supports in-app, firebase notification and can scale horizontally using Spring Boot, Kafka, and Redis.
- Set up CI/CD using Github actions, logging using ELK, and reverse proxy/load balancing using Nginx.

Java Spring Boot Akka MySQL Kafka Redis ELK Docker Nginx HTML/CSS/JS React.js

### Backend Developer

Oct 2020 - Apr 2021

*LINE Corporation - Backend team*

*Ho Chi Minh, Vietnam*

- Built a crawler that helps moderators easily identify invalid ads links by taking a picture of the link's destination and checking the number of redirects using puppeteer.
- Built a worker that maps millions of raw data a day on user feedback about LINE ads to output some meaningful metrics (in the ML field) using stream processing and batch update methodology.

Java Spring Boot MySQL Kafka Redis Node.js Nest.js Puppeteer Crawler

## Full-stack Developer

Oct 2018 - Sep 2020

VNG Corporation - Zalo team

Ho Chi Minh, Vietnam

- Built an SSO system based on OAuth flow and Zalo's social login API for internal admin tools.
- Built an SSH permission management system, which manages SSH of hundred developers on 1200 servers.
- Built a logging tool like Kibana's discover, which consume millions of log a day and have an easy-to-use UI using Servlet and Elasticsearch.
- Built [docs.zalopay.vn](https://docs.zalopay.vn) - an API specification and integration documentation using JAM stack.

Go Gin Java Servlet MySQL Redis HTML/CSS/JS React.js Ant.design

## FREELANCE PROJECTS

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### CGHunt.net

Sep. 2021 - Nov. 2021

Full-stack developer

- Built a 3D models shop, which allow users sell their 3D models on our website like [sketchfab.com](https://sketchfab.com).
- Worked as a full-stack developer, who build the whole website from scratch using Nest.js, React.js, MySQL, Redis, Elasticsearch, GCP.

### Nhadatxacthuc.vn

Oct. 2019 - Dec. 2019

Full-stack developer

- Joining 2 other members (1 PM, 1 Data Engineer), we build a website that provide our users an authentic and trustworthy real estate informations by using AI.
- Worked as a full-stack developer, who build the website from scratch using Express.js, React.js, MySQL, AWS.

## ACHIVEMENTS

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- Third prize, WebDev Hackathon (Build a website within 24h). Jun 2019
- Second prize, Olympiad in Informatics for Vietnamese students (Algorithm contest). Nov 2017
- Second prize, Olympiad in Informatics for HCMUS students (Algorithm contest) Nov 2017

## EDUCATION

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### University of Science

Oct 2016 - Sep 2022

Information Technology, GPA: 8.52/10

Ho Chi Minh, Vietnam