

## SKILLS

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- Languages: **Java, Go, SQL**, Javascript / Typescript.
- Frameworks: **Spring Boot, JPA / Hibernate**, Node.js, Nest.js, React.js, Ant.design, Tailwind.css.
- Tools: **MySQL, Redis, ELK**, Kafka, MongoDB.
- DevOps: **Docker, Nginx**, Prometheus, Grafana, CDN, CI/CD, AWS.
- Communication: **Vietnamese**, English.

## WORKING EXPERIENCES

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### Backend Engineer

**Nov 2022 - Now**

*Binance - Card Promotion*

*Remote*

- Developed an "one cent deal" campaign that let's user buy things with a discount prices for 200k card users in EU using Java, Spring and Kafka.
- Developed a reminder framework using Java, and background job mechanism that centralizes sending reminder notifications to users at a future time, and makes it easier to manage reminders through the UI.

### Backend Engineer

**Aug 2022 - Sep 2022**

*Shopee - Sea Group*

*Singapore*

- I worked at the Marketplace Intelligence team but got laid off after 4 weeks of working here because of the difficult financial situation of Sea Group.

### Senior Fullstack Developer

**Apr 2021 - July 2022**

*MCVGo - MCV Group (Startup)*

*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.

### Backend Developer

**Oct 2020 - Apr 2021**

*LINE Corporation*

*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.

### Fullstack Developer

**Oct 2018 - Sep 2020**

*VNG Corporation*

*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.

## FREELANCE PROJECTS

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### CGHunt.net

*Full-stack developer, Freelance*

*Sep. 2021 - Pending*

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

## **Nhadatxacthuc.vn**

*Full-stack developer, Freelance*

*Oct. 2019 - Dec. 2019*

- Joining 2 other members (1 PM, 1 Data Engineer), we strive to provide our users with an authentic and trustworthy real estate website by using AI... but for some reason, we canceled this project
- In this project I also build the whole project from scratch using Express.js, React.js, MySQL, AWS

## **ACHIVEMENTS**

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- Third prize, WebDev Hackathon (University of Information Technology, Vietnam). **Jun 2019**
- Second prize, Olympiad in Informatics for Vietnamese students. **Nov 2017**
- Second prize, Olympiad in Informatics for HCMUS students. **Nov 2017**

## **EDUCATION**

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### **University of Science**

*Information Technology, GPA: 8.52/10*

**Oct 2016 - Sep 2022**

*Ho Chi Minh, Vietnam*