

## SKILLS

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- Languages: **Java, Javascript / Typescript, Spring Boot**, Golang, Nest.js, React.js Akka.
- Tools: **MySQL, Redis, Elasticsearch**, Kafka, MongoDB.
- DevOps: **Docker, Nginx**, ELK, CDN, CI/CD, Github actions, AWS, Google Cloud.
- Communication: **Vietnamese**, English.

## WORKING EXPERIENCES

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### Lead Software Engineer

**Apr 2021 - Present**

*MCVGo - MCV Group*

*Ho Chi Minh, Vietnam*

- Built a real-time interactive system to organize gaming sessions like Kahoot, Confetti (Facebook), which can scale horizontally and handle 10k concurrent players on a server with 8GB Ram, 4vCPU
- Built a notification system that can broadcast notifications to all users or send them to specific users.
- Built a simple wallet that integrated with App Store and Google Play.
- Do some DevOps tasks: configure the CI/CD system using Github Actions, set up logging system using ELK with hot-warm-cold architecture to optimize storage capacity, configure Nginx, ...
- Lead a team of 2 backend developers and 1 frontend developer

### 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 3rd login API for some internal tools.
- Built an SSH permission management system, which manages around 1200 servers at Zalo.
- Built an activity monitoring tool like Kibana's discover, which consume millions of log a day.
- Built [docs.zalopay.vn](https://docs.zalopay.vn) - ZaloPay API and integration documentation

### Software Engineer Intern

**Jul 2018 - Sep 2018**

*ELCA Vietnam*

*Ho Chi Minh, Vietnam*

- Learn Java stack and apply them to build a simple project management website.
- Got a good feedback from my mentor and also a return offer.

## ACHIVEMENTS

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- Third prize, WebDev Hackathon (University of Information Technology). **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

**Oct 2016 - Sep 2019**

*Information Technology*

*Ho Chi Minh, Vietnam*

- Dean list, GPA: 8.52/10.
- Academic club.