DUNG. PHAM QUAN TIEN

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Languagues and Technologies

- Proficient: **JS, HTML, CSS** (2 years+), **React** (1 year+), **Nodejs** (1 year+), **Java** (1 year+).
- Intermediate: Spring, Hibernate, Thrift, MySQL, Elasticsearch, API.
- Exposure: Golang, Kafka, Redis, Redux, SCSS, Angular, React hooks, Tailwind.css, Ant
- Other: Data structures and algorithms, Linux / Unix, MacOS, Nginx, Security, Cloud
- Tools: VSCode, Intellij, Git, Jira, Kibana, Grafana, Swagger, Postman, Docker, SSH...

Work Experiences

LINE Coporation

Backend Developer, Full-time   *Oct. 2020 - Now*
- Developed a service that helps operators track metrics of machine learning models.
  - Design database structures (MySQL), develop API(s)
- Built a system that tracks user feedback on LINE ads.
  - Migrating some features from Golang (Gin) to Java (Spring).

Zalo Group - VNG Corporation

Software Engineer (Full-stack), Full-time   *Aug. 2019 - Sep. 2020*
- Built an SSO system based on OAuth flow and Zalo's 3rd login API:
  - Implemented an SSO server to handle user sessions.
  - Implemented a Java + Angular library support 3rd integration.
  - Found a security issue of Zalo's 3rd login API which can lead to a fishing scenario.
- Built an SSH Permission management system, which manages about 1200 servers at Zalo:
  - Implemented a datastore server using Java (Servlet) to persist data in Zalo's in-house key-value database, and Elasticsearch for the search feature.
  - Implemented an API server using Java (Servlet), and communicate with the datastore server through Apache Thrift.
  - Designed and implemented a UI using React and Ant.design for both desktop and mobile.
- Built an activity monitoring tool like Kibana's discover:
  - Deployed Elasticsearch hot-warm cluster to limit storage size.
  - Implemented an API server using Java (Servlet), and Elasticsearch for query millions of logs.
  - Designed and implemented a feature-rich UI with friendly UX using React and Ant.design which easy to use and understand.
- Participate in the first sprint of the Employee Management (HRBP) system, where I did:
  - Designed architecture and database schema (MySQL).
  - Implemented a datastore server and an API server using Java (Servlet).
  - Designed and implemented UI using React and ElementUI for both desktop and mobile.

ZaloPay - VNG Corporation

Software Development Collaborator, Full-time   *Feb. 2019 - Jul. 2019*
- Participate in developing website https://docs.zalopay.vn (JAMStack + Golang).
- Technical support for Merchants to successfully integrate ZaloPay into their system.

Software Development Fresher, Part-time   *Oct. 2018 - Feb. 2019*
- Learn Golang, Linux, Docker, Microservice, Nginx, ZaloPay models...
- Convert a small service from Java (Spring) to Golang (Beego).
- Made some UI according to the design using HTML/CSS/JS.

ELCA Vietnam

Java Web Intern, Full-time   *Jul. 2018 - Sep. 2018*

• Learn Java 8, Servlet, Spring Framework, ORM, Hibernate, MySQL, HTML/CSS/JS, TypeScript, Angular 6...

• Implemented a simple project management system using what I have learned.

Projects

Anti-Plagiarism CMS

Full-stack developer, Freelance   *Oct. 2020 - Now*

• Built a simple anti-plagiarism CMS which prevent collaborators from entering content similar to the content that already exists in the database

• In this project I work as a Full-stack developer, who build the whole website from scratch using:

   - MySQL for data persistent

   - Elasticsearch (more_like_this) and "Dice similarity coefficient" algorithm for anti-plagiarism checking

   - Nest.js at Backend, JWT Authentication, Swagger, RESTful API

   - React.js at Frontend, Ionic framework for mobile-first UI

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:

   - MySQL for data persistent

   - Express.js at Backend, JWT Authentication, RESTful API

   - React.js at Frontend, Ant.design for User/Admin UI

   - Integrate with the AI server through RESTful API

Achievements

• Third prize, WebDev Hackathon 2019 (UIT).

• Second prize, Olympiad in Informatics for Vietnamese students 2017.

• Second prize, Olympiad in Informatics for HCMUS students 2017.

• Hackerrank Gold medal in Problem solving

• Hackerrank Gold medal in SQL

Education

University of Science

Ho Chi Minh city, Vietnam

• Major: Information Technology, GPA: 8.52/10.

• Academic club.