LINH HOANG DUC

Associate Software Engineer

@ hdlinh1808@email.com ✆ 035-892-4393
✉ 783 Tran Xuan Soan Street, Tan Hung Ward, Dictrict 7, Ho Chi Minh City

EXPERIENCE

Software Engineer

Zalo group

📅 Jul 2019 – Ongoing 📍 Ho Chi Minh City

- Configure, deploy and monitor Database management services, message broker services.
- Collect and visualize data using JS lib and grafana.
- Write java micro-service such as login time of user and official account.
- Analysis and predict status of service, develop alert system for these status.
- Write batch scripts as required.

Software Development Collaborator

Zalo group

📅 Mar 2018 – Jun 2019 📍 Ho Chi Minh City

- During this period, I researched and developed about relevant technologies such as Jetty (web application), Nginx (web server), Apache Thrift (RPC framework), Kyoto Cabinet (DBM), RabbitMQ (message broker) and a few technologies for making the web such as HTML, CSS, JS, Bootstrap, JQuery and few internal technologies.

SKILLS

- 2,5 years of experience in using **HTML**, **CSS**, **JavaScript** and some JS libraries such as **JQuery**, **Bootstrap**,.. for web frontend development.
- 2,5 years of experience in using **Java (core, multithread, scheduled,...)** for application development
- 2 years of experience in developing web backend application with **Jetty** and servlets.
- 2 years of experience in using **RPC framework Apache Thrift** and message broker **RabbitMQ** to connect and exchange data between multi services together.
- 2 years of experience in using **MySQL** (query, transaction, trigger, procedure) and **Kyoto Cabinet**; 1 years using **MongoDB** for designing database and developing application.
- 1,5 years of experience in using **Selenium** (**Java**, **Python**) for crawling data and filling web browser automatically.
- 1 year of experience in using **Spring** framework: **Spring MVC**, **Hibernate**, **Tile**, **JSP** for developing web server.
- 1,5 years of experience in using **NodeJS** and **Express** for web backend development.
- 1 year of experience in using **Grafana** for visualizing time series data and making alerts.
- 9 months of experience in using ReactJS for developing Single Page Application.

PROJECTS

Single Sign On system with AWS

Build a centralize app to manage accessibility of some apps: jitsi, rocketchat, nextcloud, wordpress admin using AWS cognito account. I've used NodeJS, Express, MongoDB; HTML/CSS/Bootstrap to design and develop entire system.

System admin tool

I've made it using HTML/CSS/Bootrap at clientside and Java/Jetty/MySQL - KyotoCabinet at serverside. This project is used to visualize statistics of DBM, message broker services and some internal data, make some alert notifications and change some config with GUI. Besides, I've also developed some anomaly and predict system for data of a few specified services.

Ecommerce Website Maintenance

This project using nodeJS and ReactJS. I've designed and developed a filter sidebar and search sidebar with responsive (support mobile, tablet and desktop) using ReactJS and CSS.

Grafana project

Collect system data and others then store to database. Visualize data and alert with grafana. I've also developed a server using java to query data through HTTP protocol and maked some alert notification.

Keep it simple - blog website

Develop a web blog both server-side and client-side. I've used Spring MVC, JSP, Tile and Hibernate at server-side. With client-side, I've used HTML/CSS/JS and some JS to make the website more friendly. MySQL is used for backend of this system.

LANGUAGES

English: TOEIC 865 (taken Aug. 2018)

ACTIVITY

Deputy Secretary of the Ho Chi Minh Communist Youth Union

Ho Chi Minh University of Technology

📅 Sep 2016 - Nov 2019   📍 Ho Chi Minh City

Supported the class' monitor in organizing events and activities

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Voluntary Admissions Consultant

Ho Chi Minh University of Technology

📅 Spring 2017   📍 Ho Chi Minh City

Made posts on Facebook to promote admissions; came back to Tran Quoc Tuan High School in Kon TumProvince and gave advise

RELEVANT TEXTBOOK STUDYING

📖 Books

- Gieben, Miek (2012). *Learning Go*. URL: `https://www.miek.nl/go/`.
- Walls, Craig (2011). *Spring In Action: Third edition*. Shelter Island, New York: Manning Publications Co.

EDUCATION

BE CS, Honors Program

Ho Chi Minh University of Technology

📅 Sep 2015 – Nov 2019

Graduated. GPA: 8,56/10.
Degree Classification: Very Good.

SCHOLARSHIP/PRIZES

Comprehensively Excellent Student

Ho Chi Minh University of Technology

📅 2016 - 2019   📍 Ho Chi Minh City

Promoting scholarship

Ho Chi Minh University of Technology

📅 2015 - 2019   📍 Ho Chi Minh City

5 / 8 semester