

Vy Bui Ngoc Thao

Software Engineer



SUMMARY

Hello, I'm Vy Bui from HCMUS.
I like to solve brain teasing problems in the field of CSE.
I'd like to describe myself as a fast learner;
I am confident that I can satisfy expectations of coworkers.

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in : [Vy Bui](https://linkedin.com/in/vyubuint) (<https://linkedin.com/in/vyubuint>)

Experience



Apr 2023 – present
Associate Software Engineer at VNG Corporation (<https://vng.com.vn>)

SUMMARY

As an Associate Software Engineer on the Platform team at VNG Corporation, I am responsible for building, developing, and managing enterprise infrastructure.

- Develop Software as a service, a dedicated multi-tenant integration Platform for App Builders. A software that delivers infrastructure resources (Redis/Kafka/MySQL clusters,...) over a few minutes and enables product teams to deliver high-quality code quickly — without compromising autonomy. The solution is built using Kubernetes (K8s) for effective management and scalability.
- Implementation of a backup workflow for the Redis cluster involves setting up an automated process to take regular backups of the Redis data.
- Build monitoring software that keep track and report incidents based on data being collected and processed from Prometheus. This software ensures that we are always aware of any issues and can take proactive steps to address them.
- Monitor the physical server status of all ZaloPay servers in real-time: Implement proactive monitoring of server hardware components, such as CPU, memory, and disk usage. Implement alerting mechanisms for physical server abnormalities, such as high CPU or memory usage.

Jul 2022 – Apr 2023
System Development Intern at VNG Corporation (<https://vng.com.vn>)

- Software engineering internship at Platform team

Languages



English : ★★★

Skills



Backend Development :

Go Java Docker K8S

Web Development :

HTML CSS Javascript

Others :

Git Linux

Interests



Board games :

Chess

Others :

Audio Mech

Education



Sep 2019 – May 2023

Bachelor in Information Technology - Software Engineer from University of Science with GPA of 3.5

- Data structure and Algorithms
- Object-oriented programming
- Basic SQL
- Java Introduction
- AI Introduction
- Android Development
- Web Development
- Big Data
- Computer Network

Projects



Social Gallery (<https://github.com/Ashpex/Gallery-Backend>): Jul 2023 – Aug 2023

SUMMARY

Social Gallery is a web application for sharing photos. It is built with Go and Reactjs.

- Learnt about Go
- Learnt about Reactjs
- Learnt about Prometheus/Grafana

Simple Gallery (<https://github.com/Ashpex/SimpleGallery>): Oct 2022 – Dec 2022

SUMMARY

Building an Android Gallery App which has nice user interface and many features. This gallery app helps you manage and view your photos with a straightforward UI. Simple yet powerful at the same time.

- Learnt about Android development using Java and Android Studio

Chat App - Java (<https://github.com/Ashpex/ChatApp-Java>): Mar 2021 – Jun 2021

SUMMARY

A chat application built using Java

- Learnt: Java, Swing GUI, Socket, Multithreading