

Nguyen Thuy Hoang Yen

Backend Developer

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Date of Birth: Sep 30, 2002

Tan Phu District, Ho Chi Minh City,

BRIEF INTRODUCTION

Being part of an enthusiastic and collaborative team has always been my preference, as I believe it brings out the best in me. Besides that, I have often been a sensitive and introspective person, but I am constantly working to overcome any negative thoughts or feelings that may arise. I may be a novice; however, I believe that my hard work and dedication to continuously learning new technical skills will help me to improve myself every single day.

EDUCATION

University of Science – VietNam National University | Ho Chi Minh City, Vietnam

Sep 2020 – Present

Major: Information of Technology, Knowledge Engineer.

GPA : 3.04/4.0.

TECHNICAL SKILLS

Technical knowledge:

- Golang, Java, C++, Python
- Gin Gonic, Fiber, Spring Framework (Spring Boot, MVC, Hibernate)
- PostgreSQL, SQL Server, MySQL
- Docker, Swaggo

CERTIFICATIONS AND AWARDS

- 2017 – IELTS 6.0
- 2019 – SAT 1090
- 2021 – Winner team at Student Innovation Prize (SIP) with Science Summer School project
- July 2022 – Top 35 PTE Champions – Test Your English , SVAU – VietNameese Students in Australia

WORK EXPERIENCE

Golang projects

IOT Devices Server Handling

Mar 2023 - Present

Work in team of 2 people

- The project is used Gin-Gonic Framework and PostgreSQL to manage database. After IOT devices measured power or waterpower ..., server would receive data from these devices and stored in database. Up to now, there are some general APIs, including get all devices' information via device's id.
- Entering device's id for receiving data matched as well as filtering timestamp
- This web project is also handled to extract received JSON file into devices' data matched with JSON
- Applying Swaggo for automatic generating APIs documentations for testing as well.

- Understanding generate docker file, how to organize folder to manage project.

APIs for Authentication

Feb 2023 – Mar 2023

Work in team of 2 people

- Using Gin-Gonic Framework, GORM to create feature for authentication including login, register, verify users and Postgres to store user information.
- There were some additional features after clients login successfully, including reset password , update user's information and get information after clients enter.
- Moreover, middleware is generated to make sure that clients must login in order to access some particular features.
- Applying Swaggo for automatic generating APIs documentations and write unit test for testing features.

Resource: Tree directory + Flow chart: <http://surl.li/ftafi>

Java projects

Testing Systems for Students Website

July 2022

Work in team of 4 people

- Using Spring Boots, Spring Security, Firebase, NoSQL Modelling, PostMan
- Testing Systems website that allows teachers to create an environment for testing knowledge and evaluating student's abilities in different schools.
- The target actors mainly focus on national English center to help students improve their English knowledge as well as review easily. With friendly layout and easy-to-use features, the website will enhance users to have better experiences.
- Calling API from Backend as well as integrating implement code in Backend and Frontend.
- Using NoSQL modelling to save users' information.

Shopping Cart Website

Aug 2022 – Nov 2022

Work in team of 4 people

- Using Java Core, Spring Core, Spring MVC, Spring Security, Hibernate
- Customers can see all Products, add multiple Products to Cart, update the quantity for each Product in Cart, and delete Products in Cart. After that Customers can put the information themselves and check the list of Products have bought before submitting.
- Customers can login with the role of EMPLOYEE or MANAGER, EMPLOYEE and MANAGER can see all Orders and the detail for each Order, and MANAGER can create new products and update the existing Product.

Resource: https://github.com/HoangYen2002/Customer_Management_SE

Web Team Project | Bookstore Ordering Website

Aug 2022 – Dec 2022

Work in team of 4 people

- Using Spring Boots, Spring Security, MySQL Workbench, PostMan
- The Bookstore Website allows customers to buy books on online platform. Customers are able to view all books, search books title , purchase online. Admin can also post related information and easy to update details and remove as well.
- There are two main roles : Admin and Users. Admin will have all features included users' feature and admin has an ability to remove users information. User role can order and purchase book on website and can view the history of order.

Responsibility:

- Calling API from Backend as well as integrating implement code in Backend and Frontend.
- Using MySQL to deal with database.

Resource: https://github.com/HoangYen2002/BookStore_API

