

# LY THANH HUNG



## Fullstack Developer

Location : Ho Chi Minh City

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## SUMMARY

I am a **Fullstack Developer** with 8 months of experience in Web Development.

As a Fullstack Developer, I gain expertise in both front-end and back-end development from doing several projects at my university and hobby projects. Besides, I have always been passionate about solving problems, optimizing performance, and bringing the best user experience.

## EDUCATION

<b>Ho Chi Minh city University of Technology</b> <i>Master Of Computer Science</i>	February 2023 - 2025
<b>Ho Chi Minh city University of Technology</b> <i>Major: Computer Science</i>	August 2020 - November 2024
<b>Nguyen Thi Minh Khai Specialized High School of Soc Trang City</b> <i>Specialization: Mathematics</i>	September 2017 – June 2020

## TECHNICAL SKILLS

<b>Languages</b>	: JavaScript, TypeScript, Java, C++, Python, Ruby, PHP
<b>Frameworks</b>	: ReactJS, NodeJS - ExpressJS, Spring Boot, Ruby on Rails
<b>Databases</b>	: MySQL, PostgreSQL
<b>Dev Tools</b>	: Git, Docker, Figma

## EXPERIENCE

<b>Intern Web Developer</b> <i>VOYAGER INC.</i>	July 2022 - January 2023
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- Using **HTML, CSS, JavaScript, and Ruby**. Worked with **MVC model** to develop robust and scalable backends
- Using frameworks **Ruby on Rails** and deploy on **Docker**

<b>Internship</b> <i>SINGALARITY</i>	June 2023 - April 2023
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- Build a RADIUS Server using Golang. Expose a RESTful API using Java Spring Boot
- Build a website using ReactJS. Build an Android application using Java

## CAPSTONE PROJECT

<b>NHL Goal Coding</b>	<i>Score: 9.72/10.0</i>	September 2023 - May 2024
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- Project link:**
  - \* <https://github.com/thanhhung270502/nhlcoding-fe>
  - \* <https://github.com/thanhhung270502/nhlcoding-backend>
- Description:** NHLCoding is platform for contributing exercises and clustering submissions
- Technologies:**

- \* **Front-end:** ReactJS.
- \* **Back-end:** NodeJS, Docker.
- \* **Database:** PostgresSQL.
- \* **Other:** Figma, Docker.

- **Features:**

- \* The system has the ability to help the lecturer's teaching process for programming subjects. as well as support lecturers/tutors in managing each student in the classroom.
- \* The system can function as a question bank to store questions about programming exercises in many different categories (classified based on the problem the exercise solves).
- \* The system can cluster submissions of students that has the similar solutions.

- **Responsibilities:**

- \* Designing UI with Figma and developing with ReactJS for front-end system.
- \* Building and implementing APIS for back-end system.

## PROJECT IN SCHOOL

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### TUTOR – STUDENT MATCHING SERVICE

November 2022 - December 2022

- **Project link:**

- \* <https://github.com/thanhhung270502/tutor-student-fe>
- \* [https://github.com/thanhhung270502/tutor\\_student\\_be](https://github.com/thanhhung270502/tutor_student_be)

- **Role:** Leader (Team size of five)

- **Description:** The project focuses on introducing tutors to students. It also supports managing classes, building connection between tutors and students.

- **Technologies:**

- \* **Front-end:** HTML, CSS, SASS, JavaScript, ReactJS, Git.
- \* **Back-end:** Ruby on Rails, PostgreSQL, Git, Docker.

- **Features:** 4 roles

- \* **System Management:** Admin permission, account approval, display account information of all users, display statistics and data history.
- \* **Professional management:** Confirming tutor account, approving classes, assigning classes for tutor, checking payment of class fees...
- \* **Tutor:** Displaying available classes, able to search for classes, receive class, pay of admission fee, display assigned-class...
- \* **People with tutoring needs:** creating - editing - canceling class...

- **Responsibilities:**

- \* Designing and developing APIs, front-end website architecture with Figma tools
- \* Implementing MVC architecture, hosting on Github and deploying project with Docker
- \* Analyzing requirements for the project and developing necessary architectures
- \* Managing the web development team to ensure that the team working efficiently and the project finishes on time
- \* To main work with back-end. Supporting review and merge code for the team members

## PROJECT BY ME

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### SHOPPING CART

September 2022 - October 2022

- **Project link:** [https://github.com/thanhhung270502/hopee\\_shopping\\_cart](https://github.com/thanhhung270502/hopee_shopping_cart)

- **Description:** Shopping Cart is an online shopping platform that took inspiration from one of the biggest e-commerce in Vietnam like Shopee, Lazada ... Besides, each users can create their own store and sell items according to their own desires.

- **Technologies:** Ruby on Rails, HTML, CSS, SASS, JavaScript, Bootstrap, PostgreSQL, Git, Docker

- **Features:**

- \* **Account:** signup, login, logout, forgot password, remember, account activations, write blog, follow(user-to-user, user-to-shop)
- \* **Shop, Product:** C-R-U-D
- \* **Buying:** Add to cart, buy now, payment, send email to shop and customer, order, apply voucher...

- **Responsibilities:**

- \* Develop front-end website architecture, back-end applications and create database
- \* Implementing MVC architecture, hosting on Github and deploying project with Docker.
- \* Analyzing and designing data model.