

# BUI HOANG HUY

## SOFTWARE DEVELOPER

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PORTFOLIO: <https://portfolio-website-drab-theta.vercel.app/>

### SUMMARY

Motivated fresher software developer with a passion for delivering meaningful results. Eager to take on dynamic challenges, bringing creativity, problem-solving skills, and an user-focused mindset. Proven ability to manage projects effectively and collaborate seamlessly within cross-functional teams.

### SKILLS

- Programming Languages: Java, TypeScript
- Frameworks & Libraries: Spring Boot 3, Spring Security, JPA/Hibernate, ReactJS, React Native
- Databases: MySQL, MongoDB
- Tools & Platforms: Git, Postman, Docker (basic), Maven, REST APIs
- Architecture: Microservices, MVC, Monolithic
- Languages: English (IELTS 6.0), Vietnamese

### EXPERIENCE

#### Mobile Device Manager Application

Developer | October 2025 | Team size: 1

#### Tech Stack: React Native, MongoDB, NestJS

- Developed a mobile application using React Native
- Using TanStack Query and Axios for fetching data, Zustand for state management.
- Implement APIs for this application, using JWT for authentication & authorization.

#### GitHub Link:

- Mobile: <https://github.com/towh2301/toin-device-manager>
- Backend: <https://github.com/towh2301/backend-toin-devicemanager>

#### Integrated Education System

Developer | Oct 2024 – June 2025 | Team size: 4

#### Tech Stack: Spring Boot 3, MongoDB, MySQL, ReactJS, React Native

- Developed backend services to support a multi-user educational platform for students, teachers, and admins.
- Designed and implemented REST APIs for user management, course handling, and notification systems.
- Built basic modular microservices including Identity, Profile, Course, and Notification services.
- Managed user authentication, authorization, and data validation using Spring Security and JWT.
- Integrated MySQL for handling both structured and flexible data models.
- Followed Agile methodology, participating in planning, daily standups, and sprint reviews.

#### GitHub Links:

- Backend:
  - <https://github.com/towh2301/course-service>
  - <https://github.com/towh2301/identity-svc>
  - <https://github.com/towh2301/profile-service>
- Frontend:
  - <https://github.com/towh2301/Shadcn-system>

### **Mobile Ecommerce Application**

Developer | June 2025 | Team size: 2

#### **Tech Stack: React Native, MySQL**

- Developed a mobile application using React Native
- Using Zod for validation, TanStack Query and Axios for fetching data, Zustand for state management.

#### **Github Link:**

- [https://github.com/towh2301/CSE441\\_Ecommerce](https://github.com/towh2301/CSE441_Ecommerce)

### **Movie Web Application**

Developer | September 2025 | Team size: 1

#### **Tech Stack: NextJS, Firebase Auth**

- Developed a movie web application using NextJS
- Using Zod for validation, TanStack Query and Axios for fetching data, Zustand for state management, Firebase for auth

**Github Link:** <https://github.com/towh2301/netcap>

**Website:** <https://netcap.vercel.app/>

### **Food Ordering System**

Backend Developer | Sep – Dec 2023 | Team size: 2

#### **Tech Stack: Django, MySQL**

- Developed a restaurant food ordering web app backend with order and cart management logic.
- Implemented CRUD functionality, relational database schemas, and server-side logic.
- Worked on backend integration and API responses consumed by the front-end.

#### **Github Link:**

- <https://github.com/towh2301/ecommerce-web>

### **Internship – Software Developer**

Becamex IDC | Mar – Jun 2024

- Gained exposure to real-world development environments using Agile.
- Participated in sprint-based development cycles and peer collaboration.
- Improved understanding of backend workflows, version control, and enterprise software structures.

## **EDUCATION**

### **Eastern International University**

Bachelor of Software Engineering | Oct 2020 – Present