



# NGUYEN QUANG HUY

INTERN JAVA BACKEND DEVELOPMENT

## CAREER OBJECTIVE

Over the next year, I aspire to take on an Intern Backend Java role, focusing on building stable, secure, and scalable software systems. I will apply my Java knowledge to enhance my skills, contribute to projects, and accumulate experience toward a future Senior Java position.

## SKILLS

- **Programing Languages:** Java, Python, C++.
- **Backend:** Java Core, Spring Frameworks, Spring Boot, JSP Servlet, OAuth2, RESTful API, ElasticSearch, Redis, WebSocket.
- **Frontend:** HTML, CSS, ReactJS.
- **Database:** SQL Server, MySQL.
- **Tools:** Docker, Postman, Git.

## PROJECT

- **Perfume-selling Website** Oct 2024 - Present  
**Project summary:** Developed an e-commerce website for selling perfumes, supporting product browsing, search, shopping cart, checkout, and order tracking.  
**Project stacks:** Spring Boot, Spring Data JPA, Spring Security, ReactJS, MySQL, RESTful API, JWT, Oauth2, ElasticSearch, Redis, WebSocket.  
**Team Size:** 5.     **Position:** Backend.  
**Responsibility:**
  - Design system architecture and database.
  - Build and integrate APIs to manage core features like user authentication (JWT, Oauth2), product management.
  - Developed comprehensive order management and shopping cart functionalities with inventory tracking.
  - Integrated with GHN Vietnam's delivery API to provide real-time shipment tracking, delivery estimates, and automated logistics processing.
  - Designed and integrated a secure payment processing system with VNPay payment gateway.
  - Implemented ElasticSearch for advanced product filtering capabilities, including full-text search and fuzzy matching across multiple criteria such as brand, fragrance notes, price range,... search autocomplete.
  - Implemented WebSocket technology for real-time features including customer-admin chat support and instant notifications for system updates and order status changes.

**Git:** <https://github.com/whi-0404/Hyperfume>

## CONTACT

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- 🌐 <https://github.com/whi-0404>
- 📅 04 / 04 / 2004

## EDUCATION

- 2022 - 2026
- UNIVERSITY OF INFORMATION TECHNOLOGY (UIT)
- Major: Computer Science
  - GPA: 3.4 / 4.0

## LANGUAGES

**English:** understanding specialized documents.

## CERTIFICATION

- 04/2024 Toeic Listening and Reading 570/990
- 11/2024 Applications of AI for Anomanly Detection (NVIDIA)