

# Tran Gia Huy

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[github.com/huydev14](https://github.com/huydev14) • [giahuy.tech](https://giahuy.tech)

Backend Developer with nearly a year of hands-on experience in developing and maintaining web applications using PHP (Laravel, CodeIgniter). Equipped with a solid foundation in RESTful API design, database schema modeling, and system architecture. Seeking a Fresher Backend Developer role in a professional environment to further hone my technical skills while actively contributing to high-quality software products.

## EDUCATION

### Van Lang University

Sep 2021 - Dec 2025

Major: Information Technology

GPA: 3.21

- Top 300 Excellent Entrance Students Scholarship (2022).
- 30% Scholarship (2023 - 2024).

## SKILLS

**Back-end:** PHP, Laravel, CodeIgniter, RESTful API, JWT, OAuth 2.0, Queue, Caching, MySQL

**Front-end:** HTML5/CSS3, Tailwind CSS, Sass/SCSS, JavaScript (jQuery, Ajax)

**Tools:** Git, Postman

## PROJECTS

### E-commerce platform [🔗](#)

Mar 2026 - Jun 2026

**Website:** [ecommerce.giahuy.tech](https://ecommerce.giahuy.tech)

**Repo:** [github.com/huydev14/ecommerce](https://github.com/huydev14/ecommerce)

An e-commerce platform with product management, shopping cart, order processing, authentication, authorization, and shipping integration.

**Tech stack:** Laravel, Vue.js, MySQL, Redis, Queue, JWT, OAuth 2.0, RESTful API, Docker, GitHub Actions, VPS, Tailwind CSS

- Implemented JWT authentication with HttpOnly Cookie, token revocation using Redis, and OAuth 2.0 login via Google/Microsoft.
- Designed a dynamic RBAC system to manage user roles and permissions flexibly.
- Set up Mail Queue for OTP verification emails and order notification emails to reduce blocking time during request processing.
- Optimized Excel/CSV import for 13,000+ products using chunking, bulk insert, queue processing, and real-time progress tracking.
- Built a Redis-based shopping cart using Redis Hashes for fast read/write operations.
- Added caching for high-traffic APIs and optimized product images with Cloudinary.
- Integrated GiaoHangNhanh API for address selection, shipping fee calculation, and order creation.
- Integrated VNPAY payment gateway with an IPN (Webhook) mechanism for automated order status updates.
- Configured CI/CD pipeline with GitHub Actions, Docker, and VPS deployment.
- Applied rate limiting to protect APIs from brute-force and excessive requests.
- Supported localization for Vietnamese and English interfaces.

## WORK EXPERIENCE

### Back-end Developer

Sep 2025 - Jun 2026

#### DIGITIZE ASIA CO., LTD

Ho Chi Minh City

##### PROJECT: POS MANAGEMENT SYSTEM

**Client:** Menas Co.

**Team size:** 5 members

**Tech stack:** Laravel 9, JavaScript, jQuery, Ajax, MySQL, Tailwind CSS

##### Description:

Participated in the development and maintenance of a multi-branch POS management system, focusing on feature enhancements, performance optimization, and complex business logic implementation based on client requirements.

##### Key Contributions:

- Built a Daily Reports system using Laravel Events and Listeners to track transaction events and generate real-time business reports.
- Developed an Excel/CSV import feature for the Purchase Return workflow, applying chunking and bulk insert techniques to reduce N+1 queries and improve import performance.
- Maintained and enhanced the Voucher module by implementing complex discount rules for specific product groups and customer groups, then integrating them into the payment flow.
- Integrated barcode scanner logic.
- Developed responsive UI/UX for POS displays.
- Used Ajax-based lazy loading to optimize page rendering speed and improve the user experience on data-heavy screens.

##### PROJECT: LEARNING MANAGEMENT SYSTEM

**Team size:** 4 members

**Tech stack:** CodeIgniter 3, OAuth 2.0, Microsoft Graph API, JavaScript, jQuery, Ajax, MySQL

##### Key Contributions:

- Integrated Microsoft Graph API to implement OAuth 2.0 authentication and automatically create Microsoft Teams meeting rooms.
- Built APIs to synchronize data between the CRM and LMS, ensuring data integrity and prevent duplicated requests with Idempotency

Keys, signature.

- Developed a multi-branch architecture using CodeIgniter Hooks to generate dynamic routing and switch database connections based on each branch.
- Optimized the student profile import flow by decoupling time-consuming tasks such as account creation and email sending.
- Handled long-running tasks asynchronously via Ajax APIs to reduce system waiting time and improve user experience.
- Integrated SCORM compliance into the Lesson module to support standardized e-learning content.

## **CERTIFICATIONS**

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**MOS 2019 by Microsoft**

**Sep 2024**