

# Nguyen Khac Dong Quan

[github.com/tmdkhac12](https://github.com/tmdkhac12) [linkedin.com/in/tmdkhac12](https://www.linkedin.com/in/tmdkhac12) [quannguyen081204@gmail.com](mailto:quannguyen081204@gmail.com)

## EDUCATION

---

### Sai Gon University

*Bachelor of Engineering in Information Technology*

September 2022 – March 2027

*Current GPA: 3.0/4.0*

## SKILLS

---

**Programming Languages:** Java, JavaScript, Python, PHP, C/C++

**Web Technologies:** HTML, CSS, RESTful APIs

**Frameworks:** Spring Boot, Express.js, Django, React

**Databases:** MySQL, MariaDB, Redis

**Tools:** Git, GitHub, Docker, Linux, Bash

**Software Architecture:** Layered Architecture, Monolithic Architecture

## PROJECTS

---

**Perfume Store Management** | *Java, Spring Boot, Spring Security, OAuth2, MySQL, Docker* February 2026 – Present

- Developing a backend system for an online perfume store to manage products, users, and orders.
- Designed a modular backend architecture using domain-based modules and layered structure (Controller, Service, Repository, DTO, Mapper).
- Implemented authentication and authorization using Spring Security with JWT and OAuth2 to secure RESTful APIs and application.
- Integrated external services including VNPAY payment gateway and monitoring tools for application metrics.

**POS** | *ExpressJS, Socket.IO, EJS, RESTful APIs, Bootstrap 5, Git, Docker* May 2025 - August 2025

- Developed a web-based Point of Sale (POS) system for a fast-food restaurant to manage customer orders and kitchen workflow.
- Designed a modular backend architecture using ExpressJS with separated layers for controllers, routes, middleware, and database models.
- Implemented RESTful APIs with versioning (v1, v2) and integrated Socket.IO to provide real-time order updates between customers, staff, and kitchen displays.
- Built server-side rendered interfaces using EJS and Bootstrap for multiple roles including customers, staff, kitchen, and administrators.

## EXPERIENCE

---

**Nhat Minh Education Center** | *Math Tutor*

February 2025 – August 2025

Tutored middle school students in mathematics, helping them improve problem-solving skills and exam performance.

**Computer Repair Services** | *Freelance Technician*

2023 – Present

Provided computer troubleshooting services including Windows installation, RAM upgrades, and diagnosing hardware and software issues.

**Freelance Web Development** | *Frontend Developer*

2024 – Present

Developed static websites for small clients using HTML, CSS, and JavaScript based on their design and content requirements.

## HOBBIES

### Reading Books

Regularly read books about psychology and communication to improve interpersonal and analytical thinking skills.

### Playing Piano

Practice piano during free time as a hobby to relax and improve focus and discipline.