**On Gia Bao**

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## Education

**FPT UNIVERSITY**                                                    Ho Chi Minh, Vietnam
**Major: Software Engineering**                              Expected Graduation: 2026
- **Honors:** Top 100 Student (Spring 2024), Excellent Student (Fall 2023, Summer 2023, Spring 2023), 70% FPT University Scholarship Recipient.
- **Certifications:** IELTS Certificate (7.5 Average).

## Experience

**PLAYNEX (Academic Project)**                              Thu Duc City, Vietnam
**Backend Developer**                                             May 2025 – Present
- Currently Developing a distributed sport venue management system.
- Built a flexible available slots generation system based on multiple business rule sets.
- Used TypeScript and NestJS for a lightweight Slot Calculation Server with configuration data retrieved from another Venue Management Server written in .NET.
- Connected services via gRPC protocol for internal communication.

**MAKE ME BANANA**                                              Thu Duc City, Vietnam
**Freelance Backend Developer**                             April 2025 - May 2025
- Developed a backend system for a clothing shopping website (makemebanana.vn).
- Implemented common ecommerce functionalities like product variation, product collection, promotion program, discount code and customer order management.
- Integrated Google OAuth Server for login using Google Account feature.

**HOC VIEN CA RONG**                                            Thu Duc City, Vietnam
**Freelance FullStack Developer**                           January 2025 - February 2025
- Developed a full-stack web application for an arowana fish business (hocviencarong.vn).
- Engineered a video processing solution using FFmpeg for copying and encoding.
- Integrated a self-hosted Umami instance for web analytics.
- Built a simple NodeJS server to generate SEO tags on social media sharing functionalities.

**AMAZING TECH COMPANY**                                    Thu Duc City, Vietnam
**Backend Developer Intern**                                  September 2024 - December 2024
- Contributed to a Smart Farm System project by connecting distributed farm systems to a central web server for real-time data monitoring and devices management.
- Built communication protocols for sensor devices and provided APIs for sensor data analytics.
- Developed a camera monitoring solution and supported the integration of technologies including .NET Core, FFmpeg, MQTT, and RabbitMQ.

## Skills & Interests

**Technical:**
- **Programming Languages:** C#, TypeScript, JavaScript, HTML, CSS.
- **Frameworks & Technologies:** .NET Core, NestJS, FFmpeg, MQTT, Quartz.NET.
- **Database Management:** MySQL, Microsoft SQL Server, PostgreSQL
- **Deployment:** Docker, Nginx, Github Workflows
- **Version Control:** Git, Github

**Soft Skills:** Problem-Solving, Technical Writing, Team Collaboration.

**Language:** Vietnamese (Native), English (Fluent).