Long Nguyen Hoang

.NET Developer (Fresher)

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Education

Saigon University, Bachelor of Engineering in Information Technology.   October 2021 – June 2025

- **GPA**: 3.66/4.0.
- **Relevant Coursework:** C# Programming, Java Programming, Data Structures and Algorithms, Algorithm Design and Analysis, Object-Oriented Programming, Database Systems.

Experience

Software Engineer, Viet Nhat Solutions   June 2025 – August 2025

- **Tech: C#/.NET**, Zalo OA API, RabbitMQ, PostgreSQL/EF Core, Docker, Linux, RESTful APIs, WinForms, Blazor Web App, DevExpress.
- **Built an event-driven notification pipeline:** Zabbix → Webhook → RabbitMQ → **Zalo OA**/Email with durable queues, retry, and DLQ to improve reliability and delivery consistency.
- **Designed recurring task reminder service in ERP:** recurrence rules, reminder windows, and a background worker that pushes notifications to **Zalo OA**.
- **Developed RFID tag data management:** robust ASCII ↔ Hex encoding/decoding for EPC/USER banks, word-alignment validation, and syncing events to ADMS server.

Software Engineer Intern, Viet Nhat Solutions   June 2024 – January 2025

- **Tech: C#/.NET**, DevExpress XAF (Blazor Server), **EF Core**, SQL Server/PostgreSQL, Device SDKs, TCP/IP.
- **Customized manufacturing ERP** on DevExpress XAF: business objects, role-based permissions, CRUD views, validations; implemented custom Controllers (View/Window, PopupWindowShowAction, SimpleAction) and customer-specific rules/workflows.

Projects

TechViet — Full-stack E-commerce
Spring Boot (**Spring MVC + JPA/Hibernate**), **JWT**-secured **RESTful APIs**; MySQL; frontend with HTML/CSS/**JavaScript** (Vite/TypeScript/Tailwind).

Bank Application
Java Swing; **SQL Server** with partitioning/replication (**distributed data**), ACID transactions, indexing/performance tuning.

CryptTalk
Client–server chat over **TCP sockets** with **multithreading** (thread-per-client), authentication, broadcast, basic encryption.

Technologies

Programming Languages: C#, Java, SQL, Python, TypeScript.
Software/Frameworks: ASP.NET Core; DevExpress; Spring Boot; Entity Framework Core; Docker; Linux; Git.
Databases: Microsoft SQL Server, PostgreSQL, MySQL, SQLite.
Soft skills: Presentation, Teamwork, Communication, Problem-solving.

Languages

Vietnamese: Native Language.
English: Intermediate (CEFR B1) – strong reading comprehension of technical documents.