NGUYEN QUANG HUY

Software Engineer

I am a software developer with about four years of experience in various large and small projects. I have participated in many different complex projects and can work independently or a keymember in a team. I have programming skills in many languages and technologies such as C#, .Net, VB.NET, ReactJS, SQL Server, PostgresSQL, Elasticsearch, RabbitMQ. I also have the ability to research and learn new technologies when required or given the opportunity.

RELEVANT SKILLS

- C#, VB.Net
- ASP.NET Core, Entity Framework
- ReactJS, React TypeScript
- REST API, RESTful API
- RabbitMQ, SignalR, Socket.IO
- SMTP, Elasticsearch
- SQL Server, PostgreSQL
- OOP, MVC
- GitLab, SourceTree, Jenkins
- AWS Cloud

EDUCATION HISTORY

Ton Duc Thang University

Software Development: 2018 - 2023

- GPA: 7.68

LANGUAGE

- English:
  - Aptis ESOL 154

CONTACT

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- 🌐 **My Portfolio**
- 🔗 **Github**

WORK EXPERIENCE

.Net Developer

MediaStep Software VietNam *(5/2023 to 3/2025)*

Project: Go Food and Beverage

Overview:

- Specialized management software for the F&B industry, optimizing order processing, dish management, inventory, and staff coordination for restaurant owners.

Responsibilities:

- Developed and maintained a responsive web application based on User Stories and UI design requirements.
- Implemented REST APIs using .NET Core and C#, ensuring high performance and scalability.
- Implemented system components following a micro-services architecture to ensure modularity and scalability.
- Optimized API and database performance by tuning queries and reducing processing time.

Technologies:

- **Frontend**: ReactJS (Responsive UI for multiple screen).
- **Backend**: RESTful API with C# .NET Core, RabbitMQ, Redis, SignalR, Socket.IO.
- **Architecture & Patterns:** Clean Architecture, Microservices, CQRS, MediatR, Dependency Injection (DI).
- **Database**: SQL Server

Web Development

FPT Retail - Q7, HCM *(05/2021 - 4/2023)*

Project: MRP Website

Overview:

- Migrated MRP system from WinForms to a web-based solution.

Responsibilities:

- Built React TypeScript frontend and .NET Core 6 APIs.

Technologies:

- React, TypeScript, .NET Core 6, PostgreSQL.

FPT Retail - Q7, HCM *(5/2021 - 4/2023)*

Project: API Support for Microservices

Overview:

- Developed RESTful APIs for data exchange between SQL Server and external systems, ensuring scalability and performance.

Responsibilities:

- Built and optimized RESTful APIs using C# .NET.
- Integrated RabbitMQ for order processing and messaging.
- Queried Elasticsearch for fast data retrieval.
- Automated file uploads & data transfers via SMTP.

Technologies:

- Backend: C# .NET, RESTful API.
- Messaging & Search: RabbitMQ, Elasticsearch.
- Database: SQL Server.

Project: **Warehouse Booking**

Overview:

- Developed a system to process and store order data from RabbitMQ to PostgreSQL.
- Supporting order management and delivery for warehouse staff and suppliers.

Responsibilities:

- Designed performance metrics screens for supplier orders.
- Implemented order processing, delivery scheduling, and reporting.
- Developed features to assist warehouse employees in inventory management.

Technologies:

- Backend: NestJS (Node.js).
- Frontend: ReactJS (Ant Design).
- Messaging & Queue: RabbitMQ.
- Database: PostgreSQL.
- ORM & Query Optimization: nestjsx/crud.

Project: **Material Requirements Planning**

Overview:

- Support company employees in determining product calculation and creating sourcing information.

Responsibilities:

- Develope a Winform application for ordering and business activities.
- Debugge and fixed application issues.

Technologies:

- UI Design: DevExpress Framework .
- Programming Language: VB.Net.
- Database Queries and CRUD operations: SQL Stored Procedures.