

# Lâm Quang Vinh

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## PROFESSIONAL SUMMARY

Full-Stack Developer with over **4 years of experience** specializing in the .NET ecosystem and modern frontend frameworks. I excel at **writing clean, maintainable code** using Design Patterns (CQRS, DDD) and **optimizing database performance** for high-traffic applications. Passionate about technical precision, I have successfully led small teams to deliver stable ERP solutions and complex API integrations. I am a continuous learner who enjoys **researching and applying new technologies** to enhance system efficiency and deliver innovative software solutions.

## TECHNICAL SKILLS

### Backend Development

.NET Core, ASP.NET Web API, C#, Entity Framework Core, Dapper, **Clean Architecture**, **CQRS**, DDD Pattern.

### Database & Optimization

**SQL Server (Strong)**, MySQL, Stored Procedures Optimisation, Deadlock Resolution, Database Indexing & Tuning, Redis.

### Frontend Development

Next.js, Blazor, TypeScript, Redux Toolkit, Tailwind CSS, HTML5/CSS3.

### Tools & Integration

Docker, Nginx, **Kafka (Implementation)**, Git (CI/CD basics), Postman.

## WORK EXPERIENCE

### Senior Full-Stack Developer

Jan 2025 - Present

CMC Global

Hanoi, Vietnam

Project: Benefit Management

- Developed robust backend services using **.NET 8** and **Blazor**, focusing on code quality and component reusability.
- Performance Tuning:** Analyzed and optimized slow-running SQL queries and implemented Redis caching, resulting in a **30% improvement** in API response times.
- Collaborated with cross-functional teams to integrate AWS cloud services and payment gateways, ensuring high reliability.

### Full-Stack Developer & Team Lead

Jan 2022 - Dec 2024

HOPLONG TECH

Hanoi, Vietnam

Projects: ERP System & E-commerce Integration

- Technical Leadership:** Led a 4-member team, establishing coding standards using **Clean Architecture** and **Fluent Validation** to reduce bugs and technical debt.
- Integration Specialist:** Independently built a connector system that integrates the Shopee / Lazada / TikTok APIs. Implemented **Kafka Consumers/Producers** with the Outbox Pattern.

to ensure data consistency across systems.

- **Database Optimization:** Handled complex data scenarios involving large tables. Successfully resolved critical database **deadlocks** and optimized Stored Procedures, significantly reducing report generation time.
- **Frontend Implementation:** Developed responsive dashboards using Next.js and Redux, working closely with designers to ensure pixel-perfect implementation.
- **Deployment:** Managed application deployment on Linux servers using Docker and Nginx, ensuring smooth release cycles.

*Project: Human Resource Management System (HRMS)*

- Developed a comprehensive HR solution using **.NET Core** following **Clean Architecture** and **DDD** principles to manage complex employee lifecycles and contracts.
- **Automated Payroll Engine:** designed a high-performance payroll calculation module using **Dapper** and Optimized **Stored Procedures**. Successfully handled complex formulas (tax, insurance, allowances), reducing monthly payroll processing time by **60%**.
- **Attendance Tracking:** Built an interactive attendance dashboard with **Next.js** and **Redux Toolkit**, handling real-time data synchronization from biometric devices.

FEATURED PROJECTS

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Base Structure (Backend Template)

Open Source

Role: Developer

- Created a standardized .NET backend boilerplate incorporating **CQRS**, **MediatR**, and **DDD** principles.
- Purpose: To demonstrate best practices in structuring complex applications and ensuring code maintainability.

LETOS (E-commerce)

letossafety.vn

Role: Full-Stack Developer

- Built a product management system with real-time inventory syncing across multiple channels.
- Focused on SEO optimization and efficient database schema design.