NGUYEN THANH LONG – BACKEND DEVELOPER

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PROFESSIONAL SUMMARY

Results-driven Back-End Developer with 2 years of experience specializing in Java (Spring Boot) and C# (.NET) for ERP and web-based systems. Proficient in building scalable RESTful APIs, designing robust database architectures, and implementing CI/CD pipelines with Docker and Jenkins. Strong foundation in system performance optimization, monolithic and microservice architectures, and DevOps practices. Passionate about delivering clean, maintainable code and driving system reliability.

SKILLS

- **Languages/Frameworks**: Java (Spring Boot), C# (ASP.NET MVC/ ASP.NET Core)
- **Databases:** PostgreSQL, Redis, MS SQL Server
- **DevOps Tools:** Docker, Jenkins, PM2, Azure, Git, CI/CD
- **Frontend & Mobile:** Next.js, Tailwind, Shadcn/UI, Bootstrap, Flutter Flow
- **Architecture:** REST API, DDD, CQRS, Monolithic, Agile, Scrum

WORK EXPERIENCE

Back-End Developer | Robomain - XME Solution | 03/2024 – Present

Project: Computerized Maintenance Management System (CMMS)

- Spearheaded the development of a CMMS platform with ERP-like capabilities for job scheduling, reporting, and technician assignment.

- Architected a hybrid multi-database system using PostgreSQL for structured data and Redis for high-speed caching, improving latency by ~35%.

- Implemented automated CI/CD pipelines with Jenkins and Docker; applied Blue-Green Deployment for zero-downtime updates.

- Built and optimized RESTful APIs using Spring Boot within a modular monolithic architecture.

Project: Agricultural Auction Web System

- Co-developed a web-based auction platform supporting real-time bidding and high-concurrency operations.
- Applied DDD and CQRS to build a scalable, maintainable backend.
- Designed RESTful APIs and relational schemas to handle complex logic for products, bidding, and transactions.
- Maintained robust CI/CD pipelines using Jenkins and Docker to streamline testing and deployment.

Tech Stack: Java Spring Boot, Redis, PostgreSQL, Jenkins, Docker, Swagger, PM2, Next.js, Shadcn/UI

Team Size: 4–10 members

.NET Web Developer | IDX - Digital Transformation Institute, HUIT | 04/2023 – 12/2023

Project: HUIT Student Training Point Management System

- Developed backend using ASP.NET MVC and Entity Framework for managing student activity and discipline scores.
- Created a Flutter-based mobile app to support event registration and point tracking.
- Deployed the system using Docker on Azure Virtual Machines for scalability and ease of maintenance.
- Integrated AI chatbot to automate student Q&A on point regulations and event participation.

Tech Stack: ASP.NET MVC, MS SQL, Docker, Azure, Flutter, JavaScript, Bootstrap.
Team Size: 6 members.

EDUCATION
Ho Chi Minh City University of Industry and Trade (HUIT)

Bachelor of Information Systems – GPA: 7/10 | 10/2020 – 12/2024

CERTIFICATES
Google IT Support Professional Certificate | 02/2025

TOEIC 540 (Reading/Listening) –|12/2024

Scientific Research Competition – HUIT | 07/2023