

LE VIET THANH TUNG

Senior .NET Software Engineer

Hanoi, Vietnam | 6+ Years of Professional Experience

PROFESSIONAL SUMMARY

Senior .NET Software Engineer with 6+ years of experience designing, developing, and maintaining enterprise applications and distributed systems using C# and Microsoft .NET. Experienced in building backend platforms, business management systems, e-commerce solutions, and cloud-based applications. Strong background in ASP.NET Core, REST APIs, microservices, event-driven architecture, Entity Framework, SQL Server, Microsoft Azure, Docker, and Kubernetes. Experienced in taking ownership of technical solutions, designing service boundaries, developing reliable APIs, optimizing application performance, resolving production issues, and improving legacy applications. Comfortable working with international clients and Agile teams throughout the complete software development lifecycle.

TECHNICAL SKILLS

Languages	C#, TypeScript, JavaScript
.NET	.NET 8, .NET Core, ASP.NET Core, ASP.NET MVC, Entity Framework, EF Core
Legacy	ASP.NET WebForms, WCF, jQuery, AJAX
Architecture	Microservices, Distributed Systems, Event-Driven Architecture, Clean Architecture, DDD, CQRS, SOLID, Design Patterns
APIs	RESTful APIs, GraphQL, gRPC, Background Services, Azure Functions
Messaging	Apache Kafka, RabbitMQ, Azure Service Bus
Data	SQL Server, Azure SQL, PostgreSQL, Cosmos DB, Redis, Elasticsearch
Cloud & DevOps	Microsoft Azure, Azure DevOps, CI/CD, Docker, Kubernetes, Git
Frontend	React, Next.js, Angular, HTML5, CSS3
Practices	Automated Testing, Code Review, Performance Optimization, Troubleshooting, Monitoring, Release Management, Production Support

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Oct 2025 – Present

Orient Software / International Projects

- Design and develop enterprise applications and distributed systems using C#, .NET, ASP.NET Core, and Microsoft Azure.
- Own backend technical solutions, including application structure, API design, service boundaries, integration flows, and implementation approach.
- Build RESTful APIs, asynchronous workflows, background workers, and event-driven processing with Kafka, Azure Service Bus, and RabbitMQ.
- Apply retry policies, timeout handling, idempotency, centralized exception handling, and fault isolation to improve reliability.
- Diagnose complex production issues across application services, APIs, databases, networking, and cloud infrastructure.
- Optimize application performance, database queries, caching strategies, message processing, and service communication.
- Participate in client discussions, technical estimation, sprint planning, code reviews, documentation, release planning, and production support.
- Maintain Azure DevOps CI/CD pipelines for automated build, testing, deployment, and environment configuration.
- Support legacy modernization by introducing modern .NET APIs, cleaner architecture, asynchronous processing, and cloud-native practices.

Full Stack Engineer

2021 – Oct 2025

Rikkeisoft, ASG, FPT Software / Various Enterprise Projects

- Developed enterprise applications using C#, .NET Core, ASP.NET Core, ASP.NET MVC, ReactJS, TypeScript, and Microsoft Azure.
- Built RESTful APIs, business modules, background jobs, and integrations with internal and third-party systems.
- Worked with modern and legacy platforms, including ASP.NET MVC, WebForms, WCF, jQuery, and AJAX.
- Applied Microservices, Clean Architecture, DDD, CQRS, SOLID principles, and design patterns to complex business domains.
- Designed data models and optimized SQL queries, indexes, stored procedures, and Entity Framework data access.
- Used Redis, Cosmos DB, and Elasticsearch for caching, flexible data storage, search, and filtering capabilities.
- Implemented CI/CD pipelines with Azure DevOps and supported Docker-based application deployment.
- Collaborated with international clients and Agile/Scrum teams throughout analysis, development, testing, deployment, and support.

KEY PROJECTS

E-commerce Platform for a Supermarket Chain in the United States

Role: Senior Software Engineer / Team Leader | **Technologies:** C#, .NET Core, ASP.NET Core, ReactJS, Next.js, TypeScript, Docker, Kubernetes, Azure, RabbitMQ, Kafka, GraphQL, gRPC

Developed an e-commerce and retail operations platform supporting online commerce and supermarket operations, including product management, inventory management, warehouse activities, shop operations, order processing, and data synchronization.

Key responsibilities

- Designed and implemented backend services and service boundaries for warehouse management, shop operations, product management, inventory, and order workflows.
- Built RESTful and GraphQL APIs for frontend applications and used gRPC for high-performance internal service communication.
- Implemented event-driven workflows with Kafka and RabbitMQ for asynchronous processing and service integration.
- Developed background workers for order processing, inventory updates, synchronization, and other long-running tasks.
- Supported offline operation for shops during temporary network interruptions and implemented synchronization between shops and central services.
- Applied idempotency, retry handling, error recovery, and dead-letter processing for distributed workflows.
- Used Docker and Kubernetes for service packaging and deployment, and participated in code reviews, estimation, release planning, and production support.
- Provided technical guidance to team members and coordinated implementation activities as Team Leader.

Vehicle and Spare Parts Management Platform

Role: Software Engineer | **Technologies:** C#, .NET Core, ASP.NET Core, ReactJS, Next.js, TypeScript, Docker, Azure, SQL Server, Cosmos DB, Redis

Developed an enterprise platform for managing vehicle spare parts across branches, countries, and vehicle brands. The application centralized spare-part information and applied different business rules based on market, country, branch, and vehicle brand.

Key responsibilities

- Developed backend APIs and business workflows for spare parts, vehicle brands, branches, countries, products, and configuration.
- Developed APIs consumed by ReactJS and Next.js frontend applications.
- Implemented background services and queue-based processing for long-running operations and data synchronization.
- Designed SQL Server data models, relationships, indexes, and queries for transactional business data.
- Used Cosmos DB for flexible NoSQL data storage and Redis to cache frequently accessed product and reference data.
- Implemented validation, authorization, centralized exception handling, logging, and error responses.
- Optimized database queries and backend processing, investigated defects, and resolved issues across frontend, backend, database, and cloud environments.

Business Behavior Management Platform

Role: Software Engineer | **Technologies:** C#, .NET Core, ASP.NET Core, ReactJS, TypeScript, Azure Functions, Docker, SQL Server, Redis, Elasticsearch

Developed a business behavior management platform for configuring, managing, and processing business rules and organizational activities. Separate services handled business data, configuration, event processing, search, and reporting responsibilities.

Key responsibilities

- Developed microservices and RESTful APIs for business behavior, configuration, event processing, and reporting features.
- Implemented Azure Functions to consume and process business events asynchronously.
- Built background processing flows for business activities without blocking user-facing requests.
- Used Redis for configuration and reference-data caching and Elasticsearch for fast search and filtering across business records.
- Designed SQL Server tables, relationships, indexes, and queries for transactional data.
- Implemented validation, centralized exception handling, structured logging, and monitoring support.
- Developed frontend features with ReactJS and TypeScript and used Docker to standardize development and deployment workflows.
- Participated in code reviews, testing, deployment, production support, and requirement discussions with client stakeholders.

CERTIFICATIONS

- Microsoft Certified: Azure Solutions Architect Expert
- English Proficiency: B2 Level (CEFR)