

Nguyễn Thành Lâm

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of hands-on experience in C#, .NET, and JavaScript (ReactJS, Next.js), building scalable backend APIs and modern frontend applications for enterprise systems.

TECHNICAL SKILLS

Progammng Languages	C#, JavaScript, TypeScript
Backend	.NET, ASP.NET Core, Entity Framework Core, Identity Framework, ADO.NET, MediatR, SignalR, GraphQL
Frontend	ReactJS, Redux, NextJS, TailwindCSS, Material UI, Ant Design, jQuery, HTML, CSS
Database & Cache	SQL Server, PostgreSQL, MongoDB, Redis
Messaging & Streaming	Azure Service Bus, RabbitMQ
Architecture & Practices	Clean Architecture, Domain-Driven Design, Even Sourcing, CQRS, Layered Architecture, Repository, Unit of Work, Dependency Injection
Cloud & DevOps	Azure (App Services, SQL Database, CosmosDB, Azure Function, Azure Blob Storage), Docker, CI/CD
Testing	xUnit, Moq, Vitest, React Testing Library, Playwright
Tools & Platforms	Git, GitHub, Azure DevOps, Visual Studio 2022, Visual Studio Code, DBeaver
Others	JWT, SSO (OAuth2 / OpenID Connect), Role-based Authorization, Policy-based Authorization

WORK EXPERIENCES

GEM Corporation May 2026 - Present

Software Engineer

Project: Financial Web Application for UK Client

- **Description:** A web application to manage business workflows, document processing, and transaction operations.
- **Responsibilities:**
 - Implemented transactional processing logic to ensure data consistency across multi-step financial operations.
 - Configured ASP.NET Core Identity to handle user management, authentication, and role-based permissions across the system.
 - Integrated Azure Blob Storage for secure document upload, storage, retrieval, and file validation.
 - Added centralized exception handling and logging to make production issues easier to trace and debug.
- **Technologies:** C#, .NET 8, Entity Framework Core, Azure Blob Storage, Clean Architecture, ReactJS, Redux, Material UI, TypeScript, Vitest, React Testing Library

NashTech Apr 2025 - Apr 2026

Software Engineer

Project: Migration Enterprise Web Application for UK client

- **Description:** Migrated a large-scale web application from .NET Framework to .NET 8.
- **Responsibilities:**
 - Analyzed legacy workflows, removed redundant logic, restructured core modules with CQRS architecture
 - Improved database queries by reducing unnecessary joins, adding appropriate indexes, and applying pagination.
 - Converted legacy stored procedures into LINQ queries to improve code maintainability.
 - Refactored tightly coupled components to follow modern .NET 8 dependency injection and middleware patterns, improving modularity and reducing technical debt.

- **Technologies:** C#, .NET 8, LINQ, SQL Server, MediatR, CQRS, xUnit, Moq, Azure Blob Storage, AJAX, jQuery

CMC Global Company Limited

Jan 2023 - Mar 2025

Software Engineer

Project: Financial Information Portal Web Application for US client

- **Description:** A web-based application providing financial data, portfolio tracking, and reporting dashboards for end users.
- **Responsibilities:**
 - Implemented asynchronous processing using Azure Service Bus to handle background tasks.
 - Applied an event-driven approach to record changes in financial data for audit and traceability purposes.
 - Designed MongoDB collections to store historical financial data used in dashboards.
- **Technologies:** C#, .NET 8, RESTful APIs, Azure Service Bus, MongoDB, Next.js, OAuth2/OpenID Connect

Project: Loyalty Card Web Application for US client

- **Description:** A web-based application for managing customer loyalty card programs, including reward point tracking, card enrollment.
- **Responsibilities:**
 - Implemented frontend features using ReactJS and Ant Design, building interactive UI for rewards, profiles, and card management.
 - Developed reusable UI components to ensure design consistency and accelerate feature development across the application.
 - Collaborated with backend and QA teams to integrate APIs, conduct functional and regression testing, and resolve reported issues.
- **Technologies:** ReactJS, Ant Design, TypeScript, RESTful APIs, HTML, CSS, React Testing Library

PROJECTS

Project: Club Management Web Portal for FPT University

May 2023 - Aug 2023

Full-stack Software Developer

- **Description:** A capstone project for club management, enabling efficient tracking of club activities, members, events.
- **Responsibilities:**
 - Managed tasks via Jira, coordinating with ICPDP department to clarify requirements.
 - Ensured secure, role-based access control, supporting compliance with university policies and protecting sensitive student data.
 - Developed backend APIs using ASP.NET Web API and EF Core, and built frontend interfaces with Razor Pages, jQuery.
- **Technologies:** ASP.NET Web API, Razor Pages, EF Core, Identity Framework, jQuery, TailwindCSS, 3-layer architecture, Jira
- **Project Link:** <https://pdp.fpt.edu.vn>

EDUCATION

FPT University

Sep 2019 - Sep 2023

Major: Software Engineering

GPA: 3.4/4

CERTIFICATIONS

Software Development Lifecycle

2022

Google Project Management

2022

HONORS & AWARDS

Rising Star at CMC Global

2024