

THAO NGUYEN VAN

Senior .Net Software Engineer

Accomplished .NET Software Engineer with over 7 years of experience designing, developing, and deploying high-performance web applications. Proficient in C#, ASP.NET Core, Blazor, with expertise in building scalable RESTful APIs, optimizing system performance, and securing applications. Skilled in cloud deployment with Azure, CI/CD pipelines, and Agile methodologies. Passionate about adopting emerging technologies to deliver robust solutions and drive business value.



Technical Skills

- **Languages:** C#, JavaScript, TypeScript, SQL, HTML5, CSS3
- **Frameworks & Libraries:** ASP.NET Core, .NET Framework, Entity Framework Core, Blazor, OrchardCore, Bootstrap, jQuery, Kendo
- **Databases:** SQL Server, MySQL, PostgreSQL
- **Tools & Platforms:** Azure (App Service, Containers, Storage (Blob, Queues, Tables), WAF), AWS (EC2, S3, CloudFront), Docker, Kubernetes, Jenkins, Git, Visual Studio, VS Code, Postman
- **Technologies:** RESTful APIs, GraphQL, SignalR, Elasticsearch, Kibana, xUnit, CI/CD, Agile/Scrum
- **Other:** Microservices, Unit Testing, Performance Optimization, Application Security

Professional Experience

Vietnam Satellite Digital Television (K+), Hanoi

October 2021 - Present

Senior .Net Full Stack Developer

- Architected and implemented an online payment system using ASP.NET Core (Backend) and Blazor(Frontend), supporting subscription renewals for over 1 million users, with integrations to VNPay, ZaloPay, MoMo, ShopeePay, Visa, Apple Pay, and Google Pay, achieving 99.9% transaction reliability.
- Developed a Single Sign-On (SSO) website using OrchardCore, enhancing user experience by 80% through streamlined authentication and role-based access control.
- Migrated legacy .NET Framework applications to .NET Core, improving system performance by 45% and reducing operational costs.
- Automated CI/CD pipelines using Jenkins and Kubernetes on Azure and on-premise environments, achieving 99.9% system uptime.
- Implemented logging and monitoring with Elasticsearch and Kibana, reducing error resolution time by 40% through real-time alerts and diagnostics.
- Secured applications using Azure WAF, mitigating 60% of malicious traffic and addressing vulnerabilities identified in penetration tests.

PasGo, Hanoi

January 2019 - October 2021

Mid-Level .NET Developer

- Built a restaurant reservation platform using ASP.NET MVC and .NET Core, serving over 400,000 users with real-time notifications via SignalR, achieving near-zero latency for booking confirmations.
- Enhanced SEO strategies, securing top search engine rankings for the platform.
- Developed revenue reporting dashboards with real-time partner API integration, reducing reconciliation time by 80%.
- Improved full-text search capabilities using Elasticsearch, boosting search accuracy by 30%.
- Containerized .NET Core applications with Docker and deployed via Docker Swarm, cutting build and deployment time by 90%.
- Wrote unit tests with xUnit, achieving 80% code coverage and minimizing integration errors.

FPT Software, Hanoi

January 2018 - December 2018

.NET Developer

- Contributed to a CRM system for transportation using ASP.NET MVC and PostgreSQL, supporting 10,000+ users.
- Designed and maintained database schemas, triggers, and stored procedures, ensuring data integrity.
- Enhanced UI with jQuery and Bootstrap, improving client discovery by 20%.

Education

Bachelor of Information Technology

Posts and Telecommunications Institute of Technology, Hanoi

2013 - 2018

Graduated with Good, GPA: 3.02/4.0

Majro: Software Development

Certifications

- Microsoft Certified: Azure Developer Associate (2023)

Awards

- **Employee of the Year, K+ (2023)**
Recognized for contributions to online payment systems and performance optimization.
- **Employee of the Year, PasGo (2020)**
Honored for developing Elasticsearch-based search solutions, improving result search by 30%.

Key Project

Online Payment System (K+)

- Developed a full-stack payment application using ASP.NET Core, Blazor, and MySQL, integrating multiple payment gateways.
- Deployed on Azure with Jenkins pipelines, ensuring 99.9% uptime and secure transactions.

SSO Website (K+)

- Built an SSO platform with OrchardCore, simplifying multi-service access and improving user experience by 80%.

Restaurant Reservation System (PasGo)

- Created a real-time booking platform using ASP.NET MVC, SignalR, and Elasticsearch, serving 400,000+ users.
- Integrated partner APIs for real-time data synchronization and optimized database queries.

Soft Skills

- **Teamwork:** Effectively collaborate with cross-functional software development teams, including BAs, designers, and QA, to ensure project timelines and product quality.
- **Problem-Solving:** Identify root causes and resolve issues in the shortest possible time.
- **Communication:** Friendly and approachable, fostering positive interactions with colleagues across the organization.

Interests

- Exploring .NET ecosystem advancements (Blazor, .NET Aspire, AI integration).
- Soccer enthusiast and Premier League follower.

Languages

- Vietnamese: Native
- English: Intermediate (TOEIC 500+)