

NGUYEN VAN NINH

Full-Stack Architect | Microservices, Full Stack Developer

Aug 22, 1997 | Ho Chi Minh City, Viet Nam | (+84) 367 100 613 |

vanninh.nguyen2208@gmail.com | [LinkedIn](#)

Website: <https://ninh.dev>

SUMMARY

Software Architect with over 5 years of experience and a deep understanding of both backend and frontend development. Specializes in designing and developing complex, highly maintainable systems that adhere to modern Microservice architectures. Hands-on experience in building comprehensive solutions and optimizing performance for high-traffic applications in the retail and telecommunications industries.

SKILLS & TECHNOLOGIES

- **Architecture:** Microservice Architecture, DDD, CQRS, OOP, SOLID, Design Patterns, Clean Architecture.
- **Backend Technologies:** .NET (.NET Core, ASP.NET MVC, .NET Framework), ABP Framework, Nopcommerce platform, Web API, Message Queue, Kafka, Authentication, Redis Cache, Multi-threading & Asynchrony, Background Job Service, OAuth2, Elastic Search, Cron-job.
- **Frontend:** ReactJS, NextJS, Angular, AngularJS, Blazor, Blazor WebAssembly, JavaScript, JQuery, KnockJS, Bootstrap, TailwindCSS, Shadcn/UI, Responsive & Adaptive Design, Front End Optimization.
- **Database Systems:** SQL, MongoDB, PostgreSQL.
- **Monitoring & API Analysis:** Proficient in using Kibana and Datadog for monitoring application health, analyzing API performance, and usage patterns.
- **Source Control:** Git (Git desktop, Gitlab), Gitflow & trunk-based, SVN, Bitbucket, CI/CD pipelines (Jenkins).
- **SEO:** Applying SSR techniques with NextJS for SEO optimization, Google Search Console for analysis.
- **Data Crawling:** Using Selenium.
- **Soft Skills:** Self-directed Learning, Troubleshooting, Teamwork & Independence, High-pressure tolerance, Can-do attitude.
- **English:** Communication via chat, email, reading technical documents, and working with foreign developers.
- **Collaboration & Project Management Tools:** Jira, Confluence, Slack, Figma.
- **Development Methodologies:** Agile, Scrum, Waterfall.

PROFESSIONAL EXPERIENCE

Full-Stack Developer | NdexTechnology | Aug 2024 – Present

- Architected and developed highly scalable backend services using .NET technology and SQL databases.
- Built and maintained responsive and interactive user interfaces (UI) using Angular.
- Integrated backend APIs with the frontend, ensuring efficient and secure data flow.
- Worked in an Agile environment, collaborating closely with product teams to analyze requirements and deliver new features.

Backend Developer | FPT Retail | Sep 2022 – Jul 2024

- Developed and maintained APIs and system architecture for the retail industry, serving high-traffic business applications like FPTShop.
- Utilized Job/Cache/Message Queue, Redis, and Elasticsearch technologies to enhance backend performance.
- Investigated and implemented technological solutions to improve system performance and optimize coding models.

Backend Developer | FPT Telecom | Sep 2021 – Aug 2022

- Oversaw and maintained the sales system for shop.fpt.vn, with a focus on enhancing system performance and optimizing APIs.
- Administered the queue system based on **Kafka** for asynchronous sales processes, ensuring high throughput and fault tolerance in a high-volume environment.
- Integrated and managed multiple payment gateways (Momo, Foxpay, Visa, Napas) to facilitate secure and seamless transactions.

Full Stack Developer | Yes24 Viet Nam | Mar 2020 – Aug 2021

- Built a CMS with a drag-and-drop interface for creating marketing landing pages, with functionality similar to the Wix website builder.
- Led the development of interactive JavaScript-based games for marketing purposes, attracting an average of over 10,000 daily visits per game.

Backend Developer | Sunfix Consulting Co., LTD | Sep 2019 – Feb 2020

- Provided technical consulting to accounting partners (Abbot) on the use and customization of Acumatica ERP software processing systems.
- Designed reusable components using Acumatica frameworks.

NOTABLE PERSONAL PROJECTS

Sosanhtech.com - Full-Stack Architect

- Architected and developed a complete web ecosystem following **Domain-Driven Design (DDD)** principles and a microservices architecture, comprising three main components: a public-facing website for end-users (**NextJS, TailwindCSS**), an internal Content Management System (CMS) (**NET Core WebAssembly**), and a backend API system (**ABP Framework**).
- Deployed and managed the system on a Linux server, using **Nginx** as a reverse proxy and **PM2** for process management of the Node.js (NestJS) application.
- Built an automated data crawling system using Selenium to update product prices and information in real-time from e-commerce sites.
- Utilized **Hangfire** to handle background and recurring jobs, such as data updates and report generation.
- Integrated **Redis** for caching frequently accessed data, significantly reducing database load and improving system response time.
- Set up an automated alerting system from the server to Telegram and integrated webhooks to enable quick execution of system tasks.
- Implemented Elasticsearch to power the core search functionality, delivering sub-second query responses with complex filtering and sorting capabilities.
- Established a centralized logging system using **Seq** to collect logs from all microservices and used **Kibana** to visualize data from Elasticsearch.

Y Khoa Diamond (ykhoadiamond.com) - Full-Stack Developer

- Developed an informational website and Content Management System (CMS) for the medical field, using .NET Core for the backend and CMS, combined with JQuery and CSS for the user interface.

CERTIFICATES

- Microsoft Certified: Azure Fundamentals
- MO01: MongoDB Basics

EDUCATION

- **Bachelor of Information Technology** | Saigon Technology University | 2015 – 2019