

Quoc Nguyen

Technical Lead

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SUMMARY

I am a seasoned software developer with over 15 years of experience delivering innovative solutions and driving impactful outcomes. With strong leadership and entrepreneurial skills, I have successfully established and grown multiple companies, led cross-functional teams, and ensured project excellence. Committed to continuous learning, I embrace challenges and leverage emerging technologies to drive innovation and success.

EDUCATION

BSc in IT Software Engineer, Hoa Sen University (GPA: 3.2) Jan '07 — Dec '11

CERTIFICATIONS

Agile Fundamentals: Including Scrum & Kanban, Udemy Jan '23

Software Architecture & System Design, Udemy Jun '22

PMI Project Management Professional (PMP) Aug '22

SKILLS

Programming C#, JavaScript, .NET, OOP, Design Patterns
Web Development HTML5, ASP MVC, CSS, Blazor
Services WebAPI, gRPC, WCF, Restful Services, NodeJS
Database Management MS SQL Server, MongoDB, SQL Lite
Testing Unit Test, Integration Code, Coded UI, Selenium, TDD
.NET Framework WPF, Winform, MAUI, Xamarin, ASP.NET Core
Frameworks and Architectures SOA, Microservices, Event Driven
Process & Methodologies Scrum, Agile, Azure DevOps, CI/CD
Interests Exploring Emerging Technologies, Reading Book

EMPLOYMENT HISTORY

Tech Lead May '15 — Present
Retail Management Hero Ho Chi Minh, Viet Nam (Remote)

Role Description:

- Lead and coordinate the activities of development and QA teams, including task delegation, deadline management, and resource allocation to ensure successful project delivery.
- Foster collaboration among cross-functional teams, including managing team members across diverse geographical locations, such as India.
- Oversee the complete software development lifecycle, including planning, development, testing, debugging, and deployment.
- Mentor and guide team members to support their professional development and enhance their technical skills.
- Ensure project milestones and deadlines are met while maintaining high standards for deliverable quality.
- Act as a liaison between stakeholders and team members, ensuring clear communication of project progress, challenges, and updates.
- Manage project budgets, timelines, and resources effectively to ensure completion within scope and constraints.
- Proactively identify and address challenges during the development process, implementing solutions to maintain project momentum.

Technical Expertise:

- C#, Javascript, SQL Server
- **Desktop Applications:** Skilled in WPF (C#, MEF, MVVM, custom DataMapper, SDK) and WinForms (C#, Infragistics, Reporting).
- **Backend Development:** Proficient in WebAPI and gRPC service development.
- **Solution Architecture:** Microservices (gRPC, Hub Service, ..), Service Oriented Architecture,...
- **Hybrid Application Development:** Experienced in platforms such as Ionic, AngularJS, Xamarin, and MAUI.

Projects:

- **RMH Ecosystem:** Developed a comprehensive, large-scale Point of Sale (POS) system featuring an extensive suite of products such as Store Manager, Loyalty programs, Account Receivable modules, built up SDK by event-driven,...

- **RMH Sync Framework:** Designed and implemented a robust data synchronization framework, enabling seamless data exchange between store-level clients and central servers. The framework efficiently processes large-scale data and handles high-traffic scenarios, supporting up to 60 stores.

Senior Software Developer

DNAfor.NET

May '11 — Jul '15
Ho Chi Minh, Viet Nam

Role Description:

-Played a pivotal role in delivering advanced and innovative development services specializing in desktop (WPF/.NET), web (HTML5, JQuery, CSS), and mobile/tablet/phone solutions.

-Collaborating closely with DNA's partner, Creative Software Solutions (CSS) in Vietnam, I was actively involved in the full software development lifecycle, encompassing planning, analysis, design, implementation, and support. My responsibilities extended to ensuring high-quality deliverables while leveraging cutting-edge technologies to meet clients' diverse needs.

Technical Expertise:

- **C#, C++, Javascript,**
- **.NET Applications:** Winform, WPF, Silverlight, Windows Mobile games,
- **Backend Development:** SOA, WCF, WebAPI
- **Database:** SQL Server, MongoDB
- **Hybrid Application Development:** Ionic, Cordova, Telerik AppBuilder, Xamarin

Projects:

- **ChartLogic Healthcare EMR (<http://chartlogic.com>)**

Complete EHR/EMR solution with advanced features like voice commands/dictation

Tech Stack: NET 4.0 C#, WPFwith MVVM/Prism, WCF, 3rd party Telerik/Dragon Naturally Speaking (DNS)/TxText Control/AtalaSoft,Entity Framework/Linq, deploy with Microsoft Installer (MSI) and updating with 3rd party software wyBuild.

- **GoComics:** An app for Windows Phone 7 and 7.5 allows user to view and manage the latest comics from www.gocomics.com

Tech Stack: -.NET C# -ASP.NET Webservice REST/JSON -Windows Phone 7/7.5

- **WestRock – CodeGen:** a software which help you generate code from DataSource(SQL or NoSQL) by a template (T4/Razor or SimpleGen).

Tech Stack: -.NET C#, WPF MVVM, Infragistics, SQL Components...

- **Order Optimizer – Clinical Content Management** App to merge physician ordersets for healthcare facilities

Tech Stack: -.NET C#, Silverlight MVVM, WCF, EF, Linq

- **Physician Orders Management / Order Optimizer – Health Care System**

Web app to help interact with current EMH/ERH module

Tech Stack: -.NET C#, ASP .NET, SignalR, WebAPI

Expert Software Developer, Self-Entrepreneur

Freelancer/Elance/Upwork

Jan '11 — Present
Remote

-As a freelancer, I have taken on side projects to stay aligned with the evolving needs of the market and to continuously enhance my skills. My freelance work allows me to explore emerging trends and modern technologies, ensuring I remain up-to-date in a rapidly changing industry.

-With a strong commitment to delivering professional and high-quality outcomes, I approach each project with dedication, adaptability, and a growth-oriented mindset. Collaborating with me means engaging with a professional who is passionate about learning, problem-solving, and exceeding expectations.

Technical Expertise:

WPF, Silverlight, WP7, WP8, WinRT with MVVM pattern, WinForm, , EF, SQL, WCF, RIA...

Hybrid stuffs like as Telerik AppBuilder with HTML5/Javascript/Jquery/Kendo UI Mobile...

Wide range of project types:

-Small utility apps like IP Quick Switcher, SK JukeBox,..

-Medium-sized application/web app like Wilcon Data (Sales Support Tool and Assessment), DocTalk (Hybrid mobile app for medical clinic), SmartMobile (WindowPhone 8 app for managing salesman), Cleanily (hybrid mobile app to manage

-Big enterprise projects: Retail Hero Hybrid app, Tulip AppXDev.BillingSoft, Recycleworld – together we change, OeeCoach

Upwork profile: <https://www.upwork.com/freelancers/~01360dd9045f35aed3>

Lead Developer/Project Manager

External Projects

I lead outsourced projects by building and managing teams to ensure success. I work closely with stakeholders, handle hiring and outsourcing, and oversee resources to deliver quality results on time.

- **DN Game Studio**
Products: PPH Poker - multiplayer real time poker game with blockchain/web3/tokenomics, Fish Hunter - multiplayer arcade 2.5d game, Dragon Hunter: multiplayer arcade 3d game
Tech Stack: Game loop architecture, Shadow player; .net, Unity, Arduino; Microservices; Azure (Document DB, Redis, Service Bus/ Event Hubs)

- LSB Organization

Products: Amazon Seller Automate Tools, Commercial website

Tech Stack: Game loop architecture,.net: WPF, Blazor, Windows Service;Microservices: RabbitMQ, Redis; AWS (SQS, S3), Amazon API