Khoi Nguyen Minh Duc

Junior Software Developer

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🔗 **Profiles:** LinkedIn GitHub Portfolio Website Facebook Telegram

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PROFILE

A passionate and dedicated software developer specializing in **.NET** technologies. Skilled in building scalable, maintainable solutions and solving real-world problems through code.

- 3+ years of experience in **C#** and **JavaScript**.
- Expertise in **ASP.NET Core, Entity Framework,** and **SQL Server**.
- Proficient in database management (**MySQL, PostgreSQL, SQL Server**, …).
- Strong analytical skills with experience in **WCAG 2.1|2.2** compliance, data security, and e-commerce.
- Passionate about writing clean, maintainable code and contributing to a dynamic team.

SKILLS

- ◆ **Programming Languages & Frameworks**

  - **.NET** *(Core, MVC, WPF, Web API, WinForms)*
  - **Java** *(Android Studio)*, **Dart** *(Flutter)*
  - **JavaScript** *(Vanilla, jQuery, React, Angular)*

- ◆ **Database Management**

  - **SQL Server, MySQL, MongoDB, PostgreSQL**

- ◆ **Tools & Technologies**

  - **Version Control**: Git
  - **Testing & Automation**: Jest, JMeter, Selenium, Google API
  - **Cloud & DevOps**: Docker, Redis
  - **Hosting & Deployment**: Netlify
  - **Application Development**: ERP, Custom Business Applications, Accessibility App (WCAG)
  - **Payments Integration**: Adyen, PayPal, Momo
  - **Multilingual integration**: Google translate API, Kontent.AI

- ◆ **Other Skills**

  - **Software Development Practices**: Paired programming, debugging, open-source contributions
  - **Transferable Skills**: Strong communication, keen eye for detail, enthusiastic learner, collaborative

team player, critical thinking, problem-solving, data analysis, process improvement and leadership (mentor and guide internship developers)

EXPERIENCE

S3corp – Developer

April 2022 – Present

- ◆ **Responsibilities:**

  - Develop and maintain web applications using **.NET MVC (4 & 8), Blazor, Entity Framework, SQL Server, Redis, and Azure CDN**.
  - Upgrade and migrate legacy applications to **.NET 8** for better **performance, security, and scalability**.
  - Implement **Single Sign-On (SSO)** authentication with third-party identity providers.
  - Optimize database performance and manage session & caching with **Redis**.
  - Ensure compliance with **WCAG 2.1 & 2.2** accessibility standards.
  - Integrate **Adyen Payment Gateway** for secure international transactions.
  - Monitor and improve system performance using **Application Insights logs**.
  - Collaborate with **UI/UX designers, QA engineers, and Deployment teams** (Team leader).

- ◆ **Key Projects:**

  - ✅ **Aspire Lifestyle: Site Manager and Site Manager Plus**

  Technologies: .NET 8 MVC, jQuery, EF, SQL Server, Redis, Azure CDN, Kontent.AI, Application Insights, WCAG 2.2

  - Upgraded and migrated **Site Manager** to **.NET 8** for improved flexibility and performance.
  - Built a **modular page architecture** for customizable website templates.
  - Implemented **SSO authentication** with **Citi and Wells Fargo banks**.
  - Ensured compliance with **accessibility** standards (**WCAG** certificate).
  - Maintained the **.NET 4** version until migration to **.NET 8** was completed.

  - ✅ **Aspire Lifestyle: Payment Portal**

  Technologies: .NET 4 MVC, EF, SQL Server, JavaScript, Webhook

  - Developed a **payment portal** for managing international transactions.
  - Integrated **Adyen Payment System** for secure payments.
  - Currently upgrading to **.NET 8** to leverage the latest features.
  - Integrated **Adyen webhooks** to capture transaction status and provide real-time updates.

  - ✅ **Simply Blast**

  Technologies: .NET 6, Blazor, EF Core, SQL Server

  - Built an application using **Blazor** for a modern, interactive UI.
  - Developed **backend services** with **Entity Framework Core and SQL Server**.

Military Service - Career Break

2021 – April 2022

- Served one year of mandatory military service, demonstrating discipline, resilience, and adaptability.
- Provided medical support during the COVID-19 pandemic.
- Developed a stronger commitment to continuous learning and problem-solving.

SORIMACHI Vietnam Co., Ltd - Internship

Sep 2021 – Feb 2021

- Gained hands-on experience with Flutter, Blazor Server, and C++.
- Developed practical software development skills across different frameworks.
- Learned about Japanese work culture and improved adaptability.

HUFLIT University - Student

2017 – 2021

- ◆ **Responsibilities**:

  - Developed full-stack applications using .NET Core, .NET 5, Flutter, and Angular.
  - Designed backend services, database management, and REST APIs.
  - Built responsive front-end interfaces with Flutter & Angular.
  - Independently handled multiple projects from design to deployment.

- ◆ **Notable Projects (Developed Independently)**:

  All project repositories: https://github.com/KhoiDuc

  ✅ **Food Ordering System**
  Backend + Frontend: .NET 5, Flutter | [GitHub Repository](#)

  ✅ **Building Material E-Commerce Platform**
  Backend + Frontend: .NET 5, Angular | [GitHub Repository](#)

  ✅ **Payroll Enterprise Management System**
  Backend + Frontend: .NET Core MVC | [GitHub Repository](#)

  ✅ **E-Commerce Platform**
  Backend + Frontend: .NET Core MVC | [GitHub Repository](#)

  ✅ **Simple E-Commerce Platform**
  Backend + Frontend: .NET Core MVC | [GitHub Repository](#)

EDUCATION

🎓 **HUFLIT University – Ho Chi Minh City University of Foreign Languages & Information Technology**
📍 *Ho Chi Minh City, Vietnam*
bachelor's degree in software engineering *(2017 – 2021)*
📊 **GPA:** *3.33/4.0 (Equivalent: 8.32/10)*

HOBBIES AND INTERESTS

- Enjoy playing badminton and soccer.
- Passionate about exploring new technologies.
- Interested in trading and financial markets.