

# 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.

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## CAREER OBJECTIVE

- Short-term: Desire to become a professional staff.
- Long-term: Would like to orientate myself to become a professional app developer the next 3 to 5 years.

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## 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)

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## 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
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## 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**.

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## **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.

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## **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.

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## **HUFLIT University - Student**

*2017 – 2021*

### ♦ **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](#)

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## **HOBBIES AND INTERESTS**

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