Khoi Nguyen Minh Duc

*Junior Software Developer*

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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](https://github.com/khoinmdIT99/FoodOrder_NET5_FLUTTER)

✅ **Building Material E-Commerce Platform**  
**Backend + Frontend: .NET 5, Angular** | [GitHub Repository](https://github.com/khoinmdIT99/BuildingMaterialShop_NET5_ANUGLAR)

✅ **Payroll Enterprise Management System**  
**Backend + Frontend: .NET Core MVC** | [GitHub Repository](https://github.com/khoinmdIT99/Payroll-Manager/)

✅ **E-Commerce Platform**  
**Backend + Frontend: .NET Core MVC** | [GitHub Repository](https://github.com/khoinmdIT99/DoAnTMDT)

✅ **Simple E-Commerce Platform**  
**Backend + Frontend: .NET Core MVC** | [GitHub Repository](https://github.com/khoinmdIT99/DoAn)

# **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**.