

## SUMMARY

- Have more than 4 years of experience in developing commercial websites and applications.
- Experienced in backend development using .NET framework, Sitecore, Sitefinity, Umbraco, Directus, and base front-end with HTML5, CSS3, JavaScript.
- Proficient in using cloud tools such as Azure, Cloudflare, and SQL Server.

## TECHNICAL SKILLS

- **Front-end:** HTML5, CSS3, JavaScript, jQuery, Bootstrap.
- **Backend:** .NET, C#.
- **Databases:** SQL Server, MongoDB.
- **CMS:** Sitecore, Sitefinity, Umbraco, Liferay, Directus.
- **Tools:** Visual Code, Visual Studio, Postman, Jira, Gitlab, Figma.
- **Operating Systems:** Windows.
- **ECommerce Platform:** Sitecore OrderCloud, Sitecore Search.
- **Payment Integration:** Stripe, CyberSource.

## EDUCATION & CERTIFICATES

- Hanoi University of Industry
- Sitecore 9 developer
- Sitecore XM Cloud developer

## PROFESSIONAL EXPERIENCE

**2025/12 – Now**

**Lead Backend Developer**

**Project: GOV**

**Project Description:** Built a CMS website to manage event details for Singapore Maritime Week, enabling admins to update programmes, speakers, exhibitions, and media content, while providing visitors clear access to schedules and event highlights.

**Responsibilities:**

- Customized and configured Directus CMS collections, fields, roles, and permissions to support dynamic content requirements.
- Develop custom endpoints and hooks in Directus to extend backend logic, automate workflows, and handle advanced business rules.
- Integrated 3rd-party APIs into Directus for synchronizing external data, enhancing content automation, and expanding CMS capabilities.

- Implemented form handling and data processing through Directus APIs, ensuring secure submissions and proper storage/validation.
- Optimized content delivery using caching, relational schemas, and Directus query filters to improve performance.
- Collaborated with frontend teams to deliver structured, scalable content via Directus REST/GraphQL APIs.
- Managed deployments, schema migrations, and environment configurations to keep CMS stable and consistent across stages.

**Technologies used:**

- .NET, Directus CMS.
- Visual Studio Code, Visual Studio, Git, Figma, MS SQL Server.

**2025/03 – 2025/12**

**Lead Backend Developer**

**Project: ONE B2B**

**Project Description:** Developed a scalable B2B eCommerce platform using .NET Core, implementing features like customer-specific pricing, bulk ordering, product catalog management, and ERP integration to support enterprise business workflows.

**Responsibilities:**

- Designed and developed RESTful APIs using .NET Core to support core business workflows, including authentication, product operations, ordering, and payment processing.
- Built and maintained microservices architecture, ensuring high scalability, modularity, and resilience across distributed services.
- Implemented SQL Server database structures, optimized queries, created stored procedures, and performed performance tuning to improve data access efficiency.
- Integrated various payment methods (e.g., credit card, e-wallet, banking APIs) by building secure payment flows, handling callbacks, and ensuring compliance with business rules.
- Developed event-driven features using message queues (RabbitMQ / AWS SQS / Kafka) to enable asynchronous communication, background processing, and reliable event handling.
- Deployed and managed backend services on AWS (EC2, Lambda, API Gateway, S3, RDS, CloudWatch), ensuring secure, scalable, and cost-optimized infrastructure.
- Implemented logging, monitoring, and tracing using tools like Serilog, CloudWatch Logs, or ELK to ensure observability and faster issue resolution.
- Collaborated closely with frontend, QA, and DevOps teams to deliver end-to-end features and maintain smooth CI/CD pipelines.
- Performed code reviews, refactoring, and adherence to clean architecture principles to maintain high code quality and system maintainability.
- Ensured strong application security, including authentication, authorization, data protection, and API security best practices.
- Wrote unit tests and integration tests using xUnit/NUnit to ensure application reliability and reduce regression issues.

**Technologies used:**

- .NET, Liferay Commerce, Elasticsearch, SQL Server, RabbitMQ, AWS, Alibaba Cloud.

- Visual Studio Code, Visual Studio, Git, Figma, MS SQL Server.

### **2024/11 – 2025/03**

#### **Backend Developer**

#### **Project: Takashimaya SG**

**Project Description:** Developed a CMS-driven website for a premier shopping centre, enabling administrators to easily manage dynamic content such as store listings, promotions, events, and tourist information. The platform supports rich media updates, multi-section content management, and SEO-friendly page structures. It showcases over 130 specialty stores and serves as a central hub for shoppers to explore offerings, services, and location details.

#### **Responsibilities:**

- Developed and customized features within Umbraco CMS, including content types, document types, media handling, and custom components to support dynamic website content.
- Implemented custom forms within Umbraco, including form validation, backend processing, and secure storage/notification workflows.
- Integrated multiple 3rd-party APIs (payment gateways, CRM systems, marketing tools, store data, etc.) to enhance site functionality and synchronize external data.
- Created reusable Umbraco Surface Controllers and API Controllers for form submissions, data retrieval, and custom backend logic.
- Extended Umbraco using custom packages, macros, and property editors, ensuring a user-friendly CMS experience for editors.
- Optimized content delivery and performance using caching, scheduled tasks, and Umbraco's built-in publishing features.
- Ensured strong application security, including API authentication, secure form handling, and protection against common web vulnerabilities.
- Worked closely with frontend and UX teams to deliver CMS components that are flexible, responsive, and easy for content editors to manage.
- Maintained code quality through unit testing, refactoring, and adherence to clean architecture principles within the .NET ecosystem.
- Supported deployments and configuration across environments, including content migration, media sync, and upgrade of Umbraco versions.

#### **Technologies used:**

- .NET, Umbraco Cloud, Umbraco CMS, Umbraco Form.
- Visual Studio Code, Visual Studio, Git, Figma, MS SQL Server.

### **2023/11 – 2024/11**

#### **Backend Developer**

#### **Project: Internal eCommerce B2C Project**

**Project Description:** This project involves the development of a robust eCommerce platform utilizing the .NET framework. The goal is to create a scalable, secure, and user-friendly online shopping experience that caters to both customers and administrators.

#### **Responsibilities:**

- Develop system according to project requirements as provided by the customer

- Collaborate with other team members to refine the user's story. Break down the user's stories into tasks and sub-tasks and give them estimations.
- Design and implement RESTful APIs to facilitate communication between the frontend and backend. Ensure APIs are well-documented for ease of use.
- Design and maintain the database schema using SQL Server.
- Implement secure user authentication using JWT tokens. Manage role-based access control to restrict features based on user roles (admin, customer) based on Sitecore OrderCloud roles and authentication.
- Develop logic for adding and removing items from the shopping cart. Ensure that cart data persists across sessions.
- Implement order creation and management of workflows. Handle payment processing through secure gateways (e.g., Stripe, CyberSource).
- Monitor and optimize application performance using caching strategies and asynchronous programming where applicable.
- Implement load balancing and scaling solutions for high traffic.
- Integrate with external services such as payment gateways, shipping providers, and email notification systems.
- Ensure smooth data flow between the eCommerce platform and external APIs.
- Implement monitoring tools to track performance metrics and system health.

**Technologies used:**

- .NET, Sitecore OrderCloud, Sitecore XM Cloud, Sitecore Search, AWS.
- Visual Studio Code, Visual Studio, Git, Figma, MS SQL Server.

**2023/06 – 2023/11**

**Backend Developer**

**Project: VCB**

**Project Description:** Develop new websites for Vietcombank - one of biggest bank in Vietnam, based on Sitecore system.

**Responsibilities:**

- Develop system according to project requirements as provided by the customer
- Collaborate with other team members to refine the user's story. Break down the user's stories into tasks and sub-tasks and give them estimations.
- Develop (design, coding, unit test) the features in sprint backlogs (e.g., Hospital Management, content page ...), troubleshoot and fix bugs.
- Join and be proactive in pre-defined meetings (refinement meetings, planning meetings, daily scrum, review meetings, and retrospective meetings) and ad-hoc meetings.

**Technologies used:**

- .NET, Sitecore.
- Visual Studio Code, Visual Studio, Git, Figma.

**2022/10 – 2023/05**

**Backend Developer**

**Project: FPT Software Global Website**

**Project Description:** Develop new websites for FPT Software - based on Sitecore system.

**Responsibilities:**

- Develop system according to project requirements as provided by the customer

- Integrate with 3rd system.
- Provide support for tasks.
- Support for CICD.
- Develop (design, coding, unit test) the features in sprint backlogs (e.g., Hospital Management, content page ...), troubleshoot and fix bugs.
- Join and be proactive in pre-defined meetings (refinement meetings, planning meetings, daily scrum, review meetings, and retrospective meetings) and ad-hoc meetings.

**Technologies Used:**

- .NET, Sitecore.
- Visual Studio Code, Visual Studio, Git, Figma.

**2022/07 – 2022/10**

**Backend Developer**

**Project: PW Website Project**

**Project Description:**

The project is to:

- Develop new websites for PW based on Sitefinity, 1st is iXPL, 2nd is Shenton (long-term in 2022).
- Maintain launched Sitefinity sites.
- Blended team to leverage resources between two tracks per client's request.

**Responsibilities:**

- Analyze the requirements and propose solutions.
- Collaborate with other team members to refine the user's story.
- Break down the user's stories into tasks and sub tasks and give it an estimation.
- Estimating the timeline.
- Create and update technical documentation.
- Join and be proactive in pre-defined meetings (refinement meetings, planning meetings, daily scrum, review meetings and retrospective meetings) and ad-hoc meetings.
- Report to managers about the work progress as required.
- Coach other junior members.

**Technical Used:** C#, .NET, Sitefinity CMS, URL Rewrite, Load balancing, Nginx Cache, MS SQL, Git, Jira, Akamai

**2022/05 – 2022/07**

**Backend Developer**

**Project: PW SitefinitySites**

**Project description:** PW SitefinitySites is a Singapore project based on the CMS Sitefinity and .NET with the implementation of data modules, private components combined with APIs make the website as a data center. Some salient features of the website:

- Content Management on CMS.
- Use Elastic search to search for articles on the site.
- Create registration form using Api to put data to CMS.
- There are information pages and articles.

**Responsibilities:**

- Develop Backend function and customer features default.
- Integrate Front-end.
- Create APIs.
- Incident and bug fixing.
- Guide customers to use the system.

**Technologies used:** Sitefinity, C#/.NET Framework

**2021/08 – 2022/05**

**Backend Developer**

**Project: CDL**

**Project description:** Develop new websites for CDL - based on Sitefinity system.

**Responsibilities:**

- Build an interface that displays a list of available or booked Building.
- Integrate with the Leasing System to import Building, Happening, Contact form.
- Create Api for CityNexus app: using Restful Api.
- Support CICD based on Azure.
- Develop the system according to project requirements provided by the customer.
- Develop (design, coding, unit test) the features in sprint backlogs (e.g., Hospital Management, content page ...), troubleshoot and fix bugs.
- Join and be proactive in pre-defined meetings (refinement meetings, planning meetings, daily scrum, review meetings, and retrospective meetings) and ad-hoc meetings.
- Create and update technical Api documentation.

**Technologies used:**

- .NET, Sitefinity, Azure, Restful Api.
- Visual Studio Code, Visual Studio, Git, Figma, Postman.