

HO VAN TOAN

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SKILLS

- **Programming Languages:** C#, JavaScript & TypeScript
- **Frameworks/Platforms:** .NET Core/MVC, ReactJs, NextJs, Redux, Tailwind CSS, MUI UI, Redis, RabbitMQ
- **Databases:** SQL Server, PostgreSQL
- **Tools & Processes:** Git, CI/CD, Docker

EXPERIENCES

FMS — Fullstack developer | *C#, NextJs (Freelance, 12 members)*

January 2022 — Now

Project: FMS Projects

- **Description:** A management system including CRM and CMS with e-commerce, sales management, inventory, shipping, authorization, reporting, ... for web and mobile platforms.
- **Technologies used:** C#, .Net Core, PostgreSQL, ReactTS, Redis, RabbitMQ, Docker
- **Responsibilities:**
 - Developed a comprehensive management system including CRM and CMS for web and mobile platforms.
 - Implemented a KYC system using gRPC and designed the Audit Worker module with Markdown and RabbitMQ.
 - Built and optimized the Report module, including website and APIs, based on Business Analyst requirements.
 - Maintain, troubleshoot, and enhance the website and APIs according to tester reports.
 - Maintained and enhanced the system, applying microservices architecture and Domain-Driven Design (DDD).

CONG TY CO PHAN VIETINFO — Fullstack developer | *C#, ReactJS*

June 2022 — Now

Project: Internal Chat Project (*4 members*)

- **Description:** A web application that enables departments to communicate, manage, and assign tasks. It supports over 200 concurrent users and integrates with APIs of other company products.
- **Technologies used:** C#, .Net Core, SQL Server, ReactTS, Material UI, Tailwind CSS
- **Responsibilities:**
 - Develop a web chat feature with responsive design, optimized for all devices.
 - Analyze requirements from the Project Manager (PM) to build and integrate APIs from other company products.
 - Ensure system stability to support over 200 concurrent users.

Project: QLVB Project (*8 members*)

- **Description:** A CMS website that provides robust features like version control, secure access management, and audit trails to streamline workflows for managing a wide array of documents—including digital signatures, invitations, administrative paperwork, and more—while ensuring compliance and data integrity.
- **Technologies used:** C#, .Net Core, SQL Server, ReactTS, Devextreme, Bootstrap
- **Responsibilities:**
 - Maintain and enhance the CMS website to ensure optimal performance and functionality.
 - Resolve issues related to document and user workflows for a seamless experience.
 - Collaborate with the back-end team to develop new features based on client requirements.
 - Discuss improvements with the team to optimize the platform's functionality and strengthen its security features.
 - Refactor code from ASP.NET Web Forms to ReactJS to modernize the CMS, improving performance and scalability.

Project: Pronest (*6 members*)

- **Description:** Developed an IoT device management system enabling viewing, updating, and automation of IoT devices.
- **Technologies used:** C#, .Net Core, SQL Server, ReactTS, Devextreme, Bootstrap
- **Responsibilities:**
 - Developed an intuitive user interface for monitoring and managing the status of IoT devices.
 - Integrated APIs for data collection and remote device control.
 - Built a mechanism for automatically updating and adjusting device configurations as required.
 - Ensured the security and stability of the system through regular testing and maintenance.

PROJECTS

Project: SEO Tool

- **Description:** A tool that helps users manage and optimize their website's SEO performance.
- **Technologies used:** C#, .Net Core, SQL Server, Blazor
- **Responsibilities:**
 - Built an SEO analysis tool using .NET Core and Blazor, integrating a Google Search crawler for keyword analysis.
 - Developed a rank tracking system to monitor post positions and indexing status.
 - Optimized performance using MemoryCache, reducing latency and providing instant keyword suggestions.
 - Extended the Blazor-based CMS with SEO analytics and automated reporting workflows.

Project: Minder

- **Description:** A sports coordination platform enabling users to organize matches, discover players/teams, and manage sports activities.
- **Technologies used:** RESTful APIs, SignalR, .Net Core, UI/UX design
- **Responsibilities:**
 - Developed a sports coordination platform with real-time features using SignalR and RESTful APIs.
 - Implemented user authentication (email, phone, Google OAuth) with secure token management.
 - Built a match discovery system with geolocation filtering and dynamic join/leave functionality.
 - Integrated Firebase Cloud Messaging for push notifications about matches, messages, and team invitations.