




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

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

June 2022 — Now

Project: Internal Chat Project (4 members, 1 front-end, 1 back-end, 1 mobile 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, 3 front-end, 2 back-end, 3 mobile)

- **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.

FMS Project — Fullstack developer | C#, NextJs (Freelance)

January 2022 — Now

Team size: 12 members

- **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, SQL Server, ReactTS, Redis, RabbitMQ, Docker
- **Responsibilities:**
 - * Develop a KYC system using gRPC.
 - * Build and design the Audit Worker module with Markdown and RabbitMQ.
 - * Develop and design the website and APIs for the Report module based on Business Analyst (BA) requirements.
 - * Maintain, troubleshoot, and enhance the website and APIs according to tester reports.
 - * Develop the module for managing receipts, payments, and debt records.
 - * Work with Domain-Driven Design (DDD) and microservices architecture.

SEO Tool | C#

- **Description:** A tool that helps users manage and optimize their website's SEO performance.
- **Technologies used:** C#, .Net Core, SQL Server, Blazor
- **Responsibilities:**
 - * Developed a Google Search crawler to extract TOP 10/50/100 results for keyword analysis and SEO recommendations.
 - * Engineered a rank tracking system monitoring post positions, indexing status, and optimization strategies.
 - * Optimized performance using MemoryCache for instant keyword suggestions and reduced latency.
 - * Extended Blazor-based CMS with modules for SEO analytics and automated reporting workflows.
 - * Designed relational databases with EF Core and optimized queries using LINQ for large datasets.

Minder | C#

- **Description:** A sports coordination platform enabling users to organize matches, discover players/teams, and manage sports activities.
- **Technologies Used:** RESTful APIs, WebSocket/Socket.io, Firebase Authentication, real-time databases, push notifications, UI/UX design
- **Responsibilities:**
 - * Designed and implemented user authentication flows (email, phone, Google OAuth) with secure token management.
 - * Developed RESTful APIs for profile/team management, including avatar uploads, contact updates, and team roster controls.
 - * Built real-time features using WebSocket: in-app messaging for teams/opponents and live match updates.
 - * Created a match discovery system with geolocation filtering, time-based search, and dynamic join/leave functionality.
 - * Integrated Firebase Cloud Messaging for push notifications about matches, messages, and team invitations.
 - * Optimized UI/UX for team creation workflows, including member invitations and role-based access controls.