HO VAN TOAN

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SKILLS

- **Programming Languages**: C#, JavaScript, and TypeScript
- **Frameworks/Platforms**: .NET Core/MVC, Redis, RabbitMQ, React/Next, Tailwind CSS, MUI UI, Shadcn
- **Databases**: SQL Server, PostgreSQL
- **Tools and Processes**: Git, CI/CD principles, Docker

EXPERIENCES

PHU MY TECHNOLOGY AND CHEMICAL INVESTMENT CO., LTD — Fullstack Developer | *C#, NextJs (Freelance (Sa, Su*

Project: FMS Projects

- **Description:** A management system including CRM and CMS with e-commerce, sales management, inventory, shipping, authorization, reporting, etc., for web and mobile platforms.
- **Technology:** C#, .Net Core, PostgreSQL, ReactTS, Redis, RabbitMQ, Docker
- **Responsibility:**
  - Develop a comprehensive management system including CRM and CMS for web and mobile platforms.
  - Implement a KYC system using gRPC and design the Audit Worker module with Markdown and RabbitMQ.
  - Build and optimize the Report module, including website and APIs, based on Business Analyst requirements.
  - Maintain, troubleshoot, and enhance the website and APIs according to tester reports.
  - Maintain and enhance the system, applying microservices architecture and Domain-Driven Design (DDD).

VIETINFO TECH CORP — 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.
- **Technology:** C#, .Net Core, SQL Server, ReactTS, Material UI, Tailwind CSS
- **Responsibility:**
  - 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 users.

Project: Document Management 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.
- **Technology:** C#, .Net Core, SQL Server, ReactTs, Devextreme, Bootstrap
- **Responsibility:**
  - 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.

TMA Solutions — Backend Developer | *C#, Flutter*   January 2022 — June 2022

Project: Pronest *(6 members)*

- **Description:** Develop an IoT device management system enabling viewing, updating, and automation of IoT devices.
- **Technology:** C#, .Net Core, SQL Server, Flutter
- **Responsibility:**
  - Develop an intuitive user interface for monitoring and managing the status of IoT devices.
  - Integrate APIs for data collection and remote device control.
  - Build a mechanism for automatically updating and adjusting device configurations as required.
  - Ensure 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.
- **Technology:** C#, .Net Core, SQL Server, Blazor
- **Responsibility:**
  - Build an SEO analysis tool using .NET Core and Blazor, integrating a Google Search crawler for keyword analysis.
  - Develop a rank tracking system to monitor post positions and indexing status.
  - Optimize performance using MemoryCache, reducing latency and providing instant keyword suggestions.
  - Extend 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.
- **Technology:** RESTful APIs, SignalR, .Net Core, UI/UX design
- **Responsibility:**
  - Develop a sports coordination platform with real-time features using SignalR and RESTful APIs.
  - Implement user authentication (email, phone, Google OAuth) with secure token management.
  - Build a match discovery system with geolocation filtering and dynamic join/leave functionality.
  - Integrate Firebase Cloud Messaging for push notifications about matches, messages, and team invitations.