

# HIEU TRAN

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## .NET DEVELOPER

Talented Full Stack .NET Developer with 5 years of hands-on experience developing enterprise applications through all phases of the Software Development Life Cycle. Proficient in the development and maintenance of web applications tailored for the Sales, Stock and Human Resources sector. Skilled in using technologies and tools such as Angular, ASP.NET, MS SQL, REST and Postman.

Object Oriented Programming (OOP) • API Development • SOLID • Dependency Injection  
Pipeline Concurrency • Multi-threading • Database Management • Problem Solving • Data Structures • CI/CD

**Languages:** C#, JavaScript

**Web:** HTML, CSS, jQuery, Bootstrap, AJAX

**Web Services:** Web API, REST, GraphQL

**Web/App Servers:** IIS, NGINX

**Frameworks:** .Net, ASP.Net, .Net CORE, EF core, EF, Dapper, ASP.NET, Angular

**Databases:** MS SQL, Maria DB, PostgreSQL

**Design Patterns:** Abstract Factory, Singleton, UnitOfWork, Repository

**SDLC:** Agile / Scrum, Waterfall

**Tools:** Visual Studio, Visual Studio Code, DevExpress, Docker, Postman, Git, GitLab, Jenkins, RabbitMQ, StarUML, Jira, Trello, Crystal Report

**Platforms:** Windows, Linux

## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### IERP SERVICES JOINT STOCK COMPANY, Da Nang, Viet Nam • 12/2020 – 04/2023

Technology consulting company.

#### Backend Team Leader (09/2022-04/2023)

- Automated deployment processes through pipeline integration, fostering CI/CD practices using Docker, Gitlab Pipeline, and Jenkins across development and production environments, reducing the time and manpower by 20%.
- Overhauled the codebase architecture to harness the enhanced performance capabilities of the latest .Net framework version, enhancing system efficiency and responsiveness.
- Refactored SQL stored procedures which helped in reducing execution time of existing procedures by 33%.
- Customized in-house framework utilizing .Net Core framework and Dapper, depending on company's requirements, leading to a significant decrease in execution time.
- Create Web Services by using ASP.Net and Dapper to integrate with Customer's Sales and Inventory application for revenue and inventory statistics, facilitating data overview and analysis by system admins.
- Led the development team, delegating tasks effectively and appointing members to parallel projects for optimal resource allocation.

#### .Net Developer (12/2020-08/2022)

- Developed multiple APIs utilizing Entity Framework Core and ClosedXML to use Excel's computational capabilities to streamline HR management processes, reducing time and effort by 70%.
- Implemented services using Dapper, GraphQL, SQLTrigger, and scheduling mechanisms to automate the transfer of hotel booking data between applications.
- Engineered an internal circulation tool with WPF, which auto generate model, common service, and controller for backend-side development, leading to efficiency enhancement by 20%.
- Enhanced ERP products for sales, warehouse, and accounting operations using WPF, Devexpress and Entity Framework, resulting in a 200% increase in performance and accuracy.
- Resolved bugs in a legacy system, ensuring a smooth user experience and driving customer satisfaction.

**Technologies Used:** .Net Core Framework, .Net Core Framework MVC, Dapper, SQL Server, PostgreSQL, GraphQL

### BYS JOINT STOCK COMPANY, Da Nang, Viet Nam 03/2018 – 11/2020

Delivering an innovative ERP solution, crafting customizations to seamlessly integrate with specific workflows, optimizing efficiency and driving growth tailored to business.

#### **.Net Developer**

- Developed standardized modules for Sales, Inventory Management, and Accounting tailored for the Wood/Plastic Industry, using .Net framework and WPF, ensuring adaptability to accommodate specific customer requirements.
- Involved in migration process of customer applications from WinForms to WPF utilizing DevExpress components and the .Net Framework, ensuring a smooth transition and enhanced user experience with a 200% increase in processing speed.
- Utilized SQL stored procedures and Crystal Report to extract and analyze data on revenue, inventory, and trends, enhancing clients' business management capabilities.
- Optimized performance of functions with long query or calculation times in legacy systems by implementing SQL stored procedures, resulting in an 80% reduction in execution time.

**Technologies Used:** WPF, Devexpress, .Net Core Framework, .Net Core Framework MVC, Dapper, SQL Server, Crystal Report

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### **ACADEMIC PROJECTS**

**Maharishi International University (2023) [MIU Car Rental](#):** Creating a community to connect people who want to provide services and people who really need car rental services. I was responsible for developing car information and order management. Utilized Nodejs, JavaScript, HTML, CSS.

**Maharishi International University (2023) [MIU Car Sharing \(Back-end / Front-end\)](#):** Car sharing platform for MIU students. Developed backend-side for account and car management. Utilized Spring Boot, React.

**Maharishi International University (2024) [Reddit's Questions Analysis](#):** This project demonstrate a real-time data pipeline for extracting, transforming, loading, analyzing, and visualizing questions asked on Reddit. I was responsible for extracting data and query necessary data for statistics. Utilized Kafka, Spark Streaming, Hive/HBase, Spark SQL, and Tableau.

### **EDUCATION**

#### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 04/2026)*

Maharishi International University, Fairfield, Iowa

Key Courses: Modern Programming Practices, Web Programming, Web Application Architecture, Algorithms, Big Data Technology

#### **Bachelor of Science in Computer Science**

Da Nang University of Science and Technology, Da Nang, Vietnam (2019)

### **CERTIFICATIONS**

Associate Reactive Developer (OutSystems 11) 2023