

Đinh Duy Thịnh

Full-stack Developer



0523.765.387



ideadesign95@gmail.com



Ho Chi Minh City

OBJECTIVE

As a Full-stack Developer, my objective is to leverage diverse skills in front-end and back-end technologies to create innovative, user-centric, scalable applications. Committed to delivering high-quality solutions, I aim to contribute effectively to dynamic development teams, driving success in challenging projects.

WORK EXPERIENCE

GTG CRM

08/2025 - Now

FULL-STACK DEVELOPER

MM3 (AI Stocks Analytics)

Built MM3, an AI-driven stock analysis platform using Next.js and Golang. Designed and implemented scalable APIs and real-time data pipelines, integrating machine learning models to generate predictive insights, trend analysis, and decision-support tools. Developed an AI-powered chatbot that allows users to query stock data, analyze trends, and receive intelligent investment insights in natural language.

GTG CRM

An all-in-one SaaS CRM platform for ecommerce, digital advertising, and business operations. As the frontend lead of a 3-member team, I was responsible for developing and delivering features, powering ecommerce storefronts, landing pages, a visual website builder, ad campaign management, and ERP modules.

Facebook & Google Ads Campaign Management

Built the complete advertising module from the ground up – including campaign creation wizards, ad set/ad group management, and performance dashboards for both Facebook and Google Ads. Implemented OAuth integration, audience targeting, placement configuration, bid/budget strategy handling, and Messenger chatbot template builder for Facebook. For Google Ads, developed keyword management, ad creation with AI-powered content generation, and campaign configuration workflows. Built real-time dashboards with dynamic metrics and chart breakdowns. Added draft saving, multi-platform status management, and internationalization across both platforms.

Visual Website Builder & Ecommerce Platform

Developed a drag-and-drop website builder using Craft.js with a dual-mode rendering architecture – every component works in both the editor (Vite + React) and the production site (Next.js 14 App Router). Built 30+ builder components, each with UI, settings panel, and Craft wrapper. Implemented the full ecommerce checkout flow with cart management, shipment plan integration, and responsive forms. Created a multi-theme template system for different business verticals. Built viewport-aware responsive rendering and developer tooling for theme generation.

Products Order Management

Developed the order management module within the CRM portal for managing ecommerce orders. Built order creation, editing, and status transition workflows with validation. Implemented recipient information and shipping logistics with courier service integration, shipment plan calculation, package dimensions handling, and delivery order creation. Added

shipment tracking with status visualization, settlement summary, and invoice linking within orders. Integrated internationalization across all order-related components.

E-Invoice (ERP Module)

Developed the e-invoice management module integrated with MISA and S-Invoice provider. Built outgoing invoice management with create, edit, draft, issue, and download workflows. Implemented adjustment and replacement invoice handling, invoice import with filtering, multi-invoice preview, and invoice-to-order linking within the product order flow.

Tech stack: TypeScript, Golang, React 18, Next.js 14 (App Router), Vite, Tailwind CSS, Ant Design, Craft.js, Zustand, react-query, Turborepo, Axios, Docker, Kubernetes, Nginx.

NT Space Co., Ltd

05/2023 - 08/2025

FULL-STACK DEVELOPER

NTSpace – Teaching and Training Platform based on course model

Developed NTSpace – a digital learning platform for students and instructors, providing features such as attendance, class schedules, transcripts, course registration, lesson content with documents, test-taking, discussion forum, and attendance statistics. I built APIs for the mobile app and developed the admin dashboard for managing courses, schedules, students, test creation, grading, and progress tracking, analytics.

- **Tech stack:** NestJS, PostgreSQL, TypeORM, Redis, Keycloak, Firebase Cloud Messaging, Docker, GitHub Actions, MinIO, Nginx, Next.js, Material UI.

The Adora Mobile App

The Adora App enhances the customer experience across the Adora restaurant ecosystem, enabling users to book tables online, explore upcoming events, receive exclusive offers, view photo albums, and stay updated via push notifications.

I was in charge of building backend APIs and admin dashboard for The Adora. The dashboard allows managing content, restaurants, partners, events, and analytics.

- **Tech stack:** NestJS, PostgreSQL, TypeORM, Firebase Cloud Messaging, Docker, GitHub Actions, MinIO, Nginx, Next.js, Material UI.

JP Edu – Labor Export and Training Platform

A comprehensive platform that connects job seekers with employers. Providing courses that match employers' criteria and helping job seekers improve their capabilities.

- Designed and development of comprehensive ERP systems by leveraging the powerful capabilities of the Frappe framework. Planning for a 3-member back-end team, breaking down tasks for efficient project execution.
- Developed back-end APIs and design database.
- Developed CQRS infrastructure for efficient data handling and separation of concerns.

- **Tech stack:** NodeJS, NestJS, ReactJS, NextJS, Moleculer, Kafka, RabbitMQ, BullMQ, MongoDB, PostgreSQL, CQRS pattern, event sourcing, Telegraf.js and DigitalOcean.

WOSS Corporation

02/2021 - 05/2023

FULL-STACK DEVELOPER

MHP – Media Hub Platform

MHP's mission is to power any video experience. Recognized leader in OTT TV, OVP, Education Video and Enterprise Video Platform markets.

- Maintained and developed features for Kaltura using Nest, ensuring seamless integration and optimal performance in video information management, including metadata, tagging, broadcast scheduling, and transcoding.
- Designed and developed a dynamic video workflow builder, enabling the creation of unique video processing flows and implemented separate pipelines for processing each video, including transcoding, censoring, broadcasting, etc...
- Created a censorship service allowing collaborators to tag and censor videos. Implemented a streamlined process where internal verification precedes payment for

verified content.

- Developed the front-end for a Digital Asset Management (DAM) system, facilitating the digitization of contracts, documents, and other paper-based records. All data is stored and serving multiple purposes within the organization.
- Developed the back-end for FastChannel, a video timeline planning service enabling internal users to create channels and modify video broadcast schedules for multiple channels.
- Implemented CI/CD pipelines using Jenkins and Docker, ensuring seamless integration and continuous delivery of software. Automated the build, test, and deployment processes to enhance efficiency and consistency in the development lifecycle.
- Implemented Grafana and Prometheus for efficient monitoring, enhancing real-time insights into server performance in multiple projects.

Smart Home IoT

Engineered an IoT system for smart homes, providing control and scheduling features for various smart devices.

Smart Battery IoT

Developed an IoT solution for intelligent battery management in automobiles and motorcycles, offering location tracking, route logging, remote control, and status notifications.

Tech stack: NodeJS, NestJS, ReactJS, NextJS, Ant design, Moleculer, Kafka, RabbitMQ, BullMQ, MQTT, MongoDB, PostgreSQL, node-red, Grafana, Prometheus, Jitsi Meet, CQRS pattern, AWS S3, and DigitalOcean.

Two Media Co., Ltd

06/2020 - 11/2020

FULL-STACK DEVELOPER

Mano - Video Sharing Social Network

Initiated and contributed to the development of "Mano," a video-sharing platform equipped with integrated video editing tools, live streaming capabilities, and compatibility with other social media networks.

Tech stack: PHP, Zend Framework, Golang, Redis, Wowza, ffmpeg, and MySQL.

GreenSoft ITS Co., Ltd

08/2019 - 06/2020

FULL-STACK DEVELOPER

TrasMoney - Telecom Transaction Management System

Led the development of a robust system enabling mobile users to top up their phones through network-specific money transfer methods.

ClassCo - English Training Platform

Developed a platform tailored for English language training centers, streamlining operations and enhancing overall management.

iEnglish - English Learning Application

Created an interactive English learning application featuring quizzes, level-based exams, pronunciation exercises, and discussion forums.

iHomeReal - Real Estate Trading Platform

Designed and implemented a user-friendly website enabling users to post real estate listings for sale or rent.

Mia Hotel CMS - Service Management

Engineered a comprehensive Content Management System (CMS) facilitating service reservations for Mia Hotel guests and providing entertainment options on smart TVs.

Tech stack: NodeJS, ExpressJS, PHP, Laravel, PostgreSQL, and MySQL.

Saigontourist Cable Television Co., Ltd (SCTV)

09/2018 - 04/2020

FULL-STACK DEVELOPER

SCTV & News website

Developed the official website for SCTV (sctv.com.vn).

Implemented an intuitive administration website to manage and update content on SCTV's homepage.

Successfully launched a dedicated news website called "Nhịp sống hôm nay" for SCTV, featuring a seamless news aggregation system with automated crawler bots.

(nhipsonghomnay.vn)

Executed server management tasks at the data center to ensure the optimal performance and reliability of the website.

Tech stack: ASP.NET, MSSQL, PHP, MySQL, IIS, Apache and VMware.

SIDE PROJECTS

WAREHOUSE MANAGEMENT SYSTEM

A warehouses and goods management system, inventory, order management and proposals for a mining company.

IC3 ONLINE EXAM

Created a system for managing schools, teachers, students, courses, exams, and assessments for IC3 certification exams.

SOIL QUALITY & WATER DISCHARGE SYSTEM

Developed a system for collecting and analyzing data from soil sensors to manage slopes.

JOTECH 360

Created a system for creating markers, videos, and audio for 360-degree images, along with managing and sharing the created locations.

VEHICLE WEIGHING SYSTEM

Created a system for calculating the weight of vehicles and goods, recording weighing history, and generating invoices.

YTUONGVIET

Created a sales support website tailored for jewelry stores, providing features to enhance business operations.
Technologies used: PHP, ASP.NET, Strapi, Bootstrap, JQuery, MSSQL, MySQL.

PERGOLA

Developed a website and Content Management System (CMS) for Pergola, a prominent restaurant. Utilized technologies such as ASP.NET, MSSQL, Bootstrap, and JQuery.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, PHP, SQL
- **Frameworks:** NestJS, Next.js, Laravel, .NET
- **Databases:** PostgreSQL, MySQL, MongoDB
- **DevOps & Tools:** Docker, GitHub Actions, Nginx, MinIO, Redis, Firebase Cloud Messaging
- **Architecture:** Microservices, CQRS, Event Sourcing
- **Others:** REST API, WebSocket, Kafka, RabbitMQ, BullMQ

EDUCATION

2013 - 2018

MULTIMEDIA / APPLICATION DEVELOPMENT

Posts and Telecommunications Institute of Technology (PTIT HCM)

Multimedia application development is the creation of interactive products based on innovations in developing utility multimedia products. It involves crafting interactive multimedia products that effectively convey information to users through various digital content types: Text, images, audio, video, and animations.