



Nguyen Minh Triet

FULLSTACK WEB DEVELOPER

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About me

Fullstack Web Developer specializing in modern web technologies, microservice architecture, and cloud-native development. Experienced in building scalable, maintainable, and high-performance web applications.

Education

Posts and Telecommunications Institute of Technology

06/2021 - 06/2026 | College - Software Engineer

Skill

Core Skills

Docker (< 1 year) Express (< 1 year) JavaScript (< 1 year) NextJS (< 1 year)

NodeJS (< 1 year) ReactJS (< 1 year) Redis (< 1 year) RESTful (< 1 year)

SQL (< 1 year) TypeScript (< 1 year)

Work

02/2025 - 09/2025

Experience

CITYMARKET - LOCAL E-COMMERCE WEB APP | Post and Telecommunications Institute of Technology

PROJECT:

CityMarket - Local E-commerce Web App | 02/2025 - 09/2025

- **Description:** An online marketplace for local vendors and customers supporting multiple payment gateways and logistics tracking.
- **Role:** Fullstack Developer
- **Responsibilities:**
 - The project implemented a modular Express backend serving product, payment, and shipping APIs.
 - MySQL database design followed a normalized schema with foreign key relationships for product and order data.
 - Frontend development utilized React with Redux Toolkit to manage client-side state and asynchronous API calls.
 - Payment gateway integration supported Stripe and MoMo for secure transaction handling.
 - Nginx reverse proxy was configured for load balancing and SSL termination.
 - CI/CD pipelines automated testing, linting, and deployment across development and production environments.
- **Tech stack:** React, Express, MySQL, Nginx.
- **Team size:** 7 members

01/2024 - 09/2024

SMARTORDER - RESTAURANT MANAGEMENT SYSTEM | Post and Telecommunications Institute of Technology

PROJECT:

SmartOrder - Restaurant Management System | 01/2024 - 09/2024

- **Description:** A comprehensive platform for restaurant operations, including order tracking, inventory control, and staff management.

- **Role:** Fullstack Developer
- **Responsibilities:**
 - The project established automated ELT workflows using Apache Airflow for multi-source data ingestion and integration.
 - The system was designed using a service-oriented architecture separating menu, order, and user management modules.
 - PostgreSQL was employed as the main relational database with optimized indexing for large-scale transactional queries.
 - RESTful APIs were implemented through Express.js for interoperability with mobile and web clients.
 - Containerized deployment was achieved using Docker Compose with CI/CD integration via GitHub Actions.
 - Frontend UI was built with React and Material UI to ensure responsive layouts and reusable components.
 - Real-time order updates were enabled using WebSocket-based communication channels.
- **Tech stack:** React, Node.js, PostgreSQL, Docker
- **Team size:** 6 members

05/2023 - 01/2024

EDUPATH - ONLINE LEARNING PLATFORM | Post and Telecommunications Institute of Technology

PROJECT:

EduPath - Online Learning Platform | 05/2023 - 01/2024

- **Description:** A learning management platform supporting online courses, video streaming, and student performance analytics.
- **Role:** Backend-Focused Fullstack Developer
- **Responsibilities:**
 - The platform utilized Next.js for server-side rendering and NestJS for modular backend services.
 - MongoDB handled course data, student records, and access logs with Redis caching for fast retrieval.
 - JWT-based authentication and role-based authorization were applied across the application.
 - Video lecture streaming was integrated through a CDN with secure URL expiration policies.
 - A microservice architecture enabled independent scaling of user management and analytics services.
 - Monitoring and performance metrics were collected using Prometheus and Grafana dashboards.
- **Tech stack:** Next.js, Nest.js, MongoDB, Redis
- **Team size:** 5 members

Certificate AWS Certified Developer - Associate

02/2025 | Amazon Web Services