

CONTACT

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PERSONAL  
PROJECTS

Backend E-commerce API Project (NestJS/PostgreSQL)

Github: <https://github.com>

Technologies: NestJS, TypeScript, PostgreSQL, TypeORM, JWT

- Developed a complete API system for e-commerce (managing products, orders, users, reviews) using NestJS and TypeScript, applying a modular architecture and RESTful best practices.
- Implemented security with JWT authentication, bcrypt hashing, and input validation using class-validator, ensuring user data safety.
- Optimized database management with TypeORM and PostgreSQL, supporting migrations to synchronize schema across environments.
- Ensured code quality through Jest testing, ESLint/Prettier, and DTOs for controlling data response.

Social Media Platform Project (Clone Pinterest)

Github: <https://github.com>

Technologies: React, Node.js, Express, MongoDB

- Built a full-stack social media application with React (Vite), Node.js/Express, and MongoDB, implementing features such as pin posting, boards, comments, likes, and follows.
- Designed an optimized database with Mongoose (user-pin-board relationships, real-time updates) and secured with JWT authentication and password hashing.
- Developed high-quality RESTful APIs using the MVC pattern, route protection middleware, and standardized error handling.
- Applied best practices: modular code, scalable architecture to ensure maintainability.

Full-Stack Restaurant Management System

Github: <https://github.com>

Technologies: Node.js, Express, React, MySQL, Sequelize, Azure, Swagger, REST API.

- System using Node.js/Express and MySQL, handling multiple business processes (reservation, payment, menu management) following a modular MVC architecture.
- Designed an optimized relational database with Sequelize ORM and created 20+ RESTful APIs (Swagger documentation).
- Implemented industry-specific features: reservation system, shift management, centralized error handling and automated reporting
- Scalable architecture: modular design, Azure Cloud integration.

SKILLS

Programming Languages

NodeJS, JavaScript, TypeScript, Python

Databases

MongoDB, MySQL, PostgreSQL

Frameworks & Architecture

Nest.JS, Express.JS, React, MVC, ORM, RESTful API design

Version Control

Git, GitHub

EDUCATION &  
CERTIFICATES

Education

University of Information Technology - UIT

- Computer Science
- GPA: 8.26 / 10

Certificates

TOEIC Listening & Reading – 915/990  
(December 2024)