



HUYNH BAO TOAN

FULLSTACK ENGINEER

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Address: Thu Duc, Ho Chi Minh City, Vietnam.

OBJECTIVE

Short-term goal: Strengthen expertise in backend engineering by mastering scalable architectures, high-performance systems, and best coding practices within the next year.

Long-term goal: Progress into a senior leadership role in Full-Stack Engineering within five years, driving innovation, mentoring engineers, and architecting cutting-edge solutions.

EDUCATION

2020 - 2024

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY AND EDUCATION

SOFTWARE ENGINEERING

WORK EXPERIENCE

02/2025 - Present

VIET NAM GOLDEN LOTUS MTV COMPANY LIMITED

Fullstack Engineer

- Designed and developed scalable microservices for Authentication, Product, Cart, OMS, Payment, Inventory, Notification, and API Gateway using NestJS
- Built configurable workflow and approval systems supporting enterprise business operations and reducing manual processing
- Developed enterprise modules including Project Management, Recruitment & HRM, Resource Booking, and centralized Form & Decision Management systems
- Implemented event-driven communication using Kafka/RabbitMQ to improve asynchronous processing and service decoupling
- Managed Kubernetes deployments including Ingress, autoscaling, rolling updates, ConfigMaps, and Secrets for production workloads
- Integrated Docker, Harbor Registry, and GitHub Actions to automate CI/CD pipelines and deployment workflows
- Applied JWT authentication, RBAC, Redis caching, audit logging, and centralized monitoring to improve system reliability and security
- Supported production troubleshooting, deployment operations, and Linux server maintenance

03/2023 - 02/2025

MIGHTYID VIETNAM JSC

Fullstack Engineer

- Developed and optimized HRM, CRM, and ERP systems supporting thousands of users and high daily transaction volumes
- Built scalable backend services and frontend modules for enterprise applications
- Implemented OAuth2, JWT authentication, and role-based access control across multiple systems
- Developed automated unit, integration, and performance testing integrated with CI/CD pipelines
- Improved software quality and reduced production incidents through testing automation and deployment optimization
- Collaborated with cross-functional teams to deliver enterprise business solutions

SKILLS

Frameworks/Platforms	<ul style="list-style-type: none">• ReactJS, NodeJS, NestJS, NextJS, React Native, .NET (.NET Core)• Webpack/Babel, JQuery, Tailwind, Bootstrap, MaterialUI, antd
Languages	<ul style="list-style-type: none">• JavaScript & TypeScript, Java, C#
Database:	<ul style="list-style-type: none">• SQL DBs: PostgreSQL, MS SQL Server, MySQL, MariaDB• NoSQL: MongoDB, Redis, Firebase
Other Skills	<ul style="list-style-type: none">• Docker, Docker Compose, Kubernetes, CI/CD: GitHub Actions, Jenkins, Nginx, Apache
Certifications	<ul style="list-style-type: none">• Toeic 650

PROJECTS

02/2025 - Present

SEVA RETAIL E-COMMERCE PLATFORM

Technologies: NestJS, Node.js, PostgreSQL, Redis, Kafka/RabbitMQ, Docker, Kubernetes, NGINX Ingress, GitHub Actions, Harbor Registry, Linux

Description:

- Developed a scalable microservices-based e-commerce platform supporting product management, inventory, orders, payment processing, and customer operations.

Responsibilities:

- Designed and developed microservices for Authentication, Product, Cart, OMS, Payment, Inventory, Notification, and API Gateway using NestJS
- Implemented asynchronous communication using Kafka/RabbitMQ to improve scalability and service reliability
- Managed Kubernetes infrastructure including autoscaling, ingress routing, rolling deployments, ConfigMaps, and Secrets
- Automated CI/CD workflows using GitHub Actions, Docker, and Harbor Registry
- Applied JWT authentication, RBAC, Redis caching, centralized logging, and monitoring for production stability
- Supported production deployment, troubleshooting, and Linux server maintenance

05/2025 - Present

ENTERPRISE WORKFLOW & MANAGEMENT PLATFORM

Technologies: NestJS, .NET, PostgreSQL, MySQL, Redis, Docker, Linux

Description:

- Enterprise workflow platform supporting multi-department approval processes, HRM operations, project management, and centralized administrative systems.

Responsibilities:

- Designed and implemented configurable workflow engines supporting complex multi-step approval processes
- Developed enterprise modules including Recruitment & HRM, Project Management, Resource Booking, and Form Management
- Applied RBAC and audit logging to ensure secure access control and operational traceability
- Managed production deployment, release configuration, and monitoring for stable system operations
- Improved operational efficiency through workflow automation and centralized management