

NGUYEN DUY QUOC

Backend Developer

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EDUCATION

- **University of Information Technology**

Bachelor's Degree in Information Technology; GPA: 7.9/10

Ho Chi Minh City, VN

Oct. 2016 – Sep. 2020

EXPERIENCE

- **PayME**

Backend Developer, Team Leader(from May. 2022)

Ho Chi Minh City, VN

Oct. 2020 - Present

- **Connector Gateway**

Jul. 2021 - Present

Service as a gateway that ensures compatibility and reliability, enabling seamless transactions between PayME's payment ecosystem and external payment systems such as banks, e-wallets and payment gateways.

- * Developing and integrating APIs with partners using Microservice architecture & Moleculer framework.
- * Collaborating with cross-functional teams to maintain system libraries and modules.
- * Communicating with partners to gather technical requirements and ensure timely delivery of work.
- * Identifying and addressing technical issues during development and deployment.
- * Mentoring junior team members, improving system efficiency and performance with Redis & RabbitMQ.

Technologies: NodeJS, Microservice, Moleculer, Restful API, MongoDB, Redis, RabbitMQ, Hapijs, Elasticsearch, Docker, GitLab CI/CD.

- **PayME Merchant Dashboard**

Jun. 2021 - Mar. 2022

A web application for merchants with a comprehensive payment solution. The dashboard offers transaction management, payment processing, payout, and multiple payment options via links, pages, POS and QR codes.

- * Developed a service to receive payment with multiple methods such as links, pages, buttons and QR codes.
- * Integrated with MS Excel to generate bulk tuition payment links and sent them to parents via email/SMS.
- * Provided technical support and troubleshooting for microservices to ensure system reliability and availability.
- * Created technical documents and collaborated with cross-functional teams for integration and deployment.

Technologies: NodeJS, Microservice, Moleculer, MongoDB, Redis, RabbitMQ, Docker, GitLab CI/CD.

- **School Information Management System**

Oct. 2020 - Jun. 2021

SIMS is a school management software with web and mobile apps that helps manage classes and students, generate timetables, plan fees and integrate tuition payments via PayME. It allows teachers, parents and students to access homework assignments, make tuition payments, view scores and check schedule.

- * Developed REST APIs and GraphQL using Node.js and MongoDB for both web and mobile applications.
- * Resolved API defects and ensured compliance with project requirements.
- * Collaborated with front-end teams to integrate APIs and prepare API documentation.

Technologies: NodeJS, Hapi, GraphQL, MongoDB, Redis, Elasticsearch, OneSignal.

PROJECTS

- **Land Trade Dapps**

Mar. 2020 - Jul. 2020

Land Trade is a decentralized application that enables property owners to tokenize their real estate assets, allowing for direct trading on the app without relying on intermediaries. It ensures safety and transparency through the use of smart contracts and Blockchain technology.

Technologies: MERN stack, Blockchain, Solidity, Web3, Docker, Git, Geth.

Link: <https://github.com/duyquoc1508/land-trade.git>

PROGRAMMING SKILLS

- **Programming Languages:** Javascript, Typescript, Solidity, Golang.

- **Technologies:** NodeJS, ExpressJS, Microservice, Moleculer, Redis, NestJS, ReactJS, RabbitMQ, Web3, Smart Contract.

- **Tools:** Git, Docker, Elasticsearch, GitLab CI/CD.