



Ngô Quốc Anh

Full-stack developer

Backend Developer

Highly motivated and results-oriented Backend Developer with 7 years of experience in designing, developing, and maintaining robust and scalable server-side applications. Proven expertise in a wide range of technologies, including **PHP, Node.js, MySQL, MongoDB, and RESTful APIs**.

Proficient in **containerization with Docker** and experienced in implementing **caching solutions using Redis** and **message queuing systems with RabbitMQ** to optimize performance and scalability.

EDUCATION

TRA VINH University

Information Technology (2014 - 2018)

- Major: Software Development
- GPA: 7.5

PERSONAL INFORMATION

- ☎ 0968849541
- ✉ anhng996@gmail.com
- 📍 Hồ Chí Minh City
- 📅 08/07/1996

WORK EXPERIENCE

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Full Stack Developer (06/2018 - Now)

Responsibilities and Achievements:

- Participated in the development of multiple **outsourced projects** using **Laravel, Node.js, MySQL, PostgreSQL** and **MongoDB**.
- **Designed and implemented RESTful APIs** with **JWT authentication** and **role-based access control**.
- **Optimized system performance** and stability by applying effective **caching strategies using Redis** and **message queuing with RabbitMQ**.
- Involved in **system analysis and architecture design**, ensuring scalability and maintainability.
- **Implemented CI/CD pipelines** using **GitHub Actions** for automated deployment and testing.
- Collaborated with the **mobile development team**, contributing to **Flutter** and **React Native** applications.

PROJECTS

Smart Home

Fullstack Developer (2018 - 2019)

Description: Developed a cross-platform mobile application to control IoT devices (light bulbs, door locks) with a centralized Admin CMS.

Technologies: Node.js, React Native, Firebase, Socket.io.

SKILLS

JavaScript (ES6+), TypeScript
PHP, Laravel
SQL, NoSQL (MySQL, MongoDB, PostgreSQL)
Golang (basic)
Next.js (basic), TailwindCSS, Material UI
JWT Authentication
Git, GitHub / GitLab, Git flow
Docker, K9S, Redis, RabbitMQ
Node.js, Nestjs, RESTful API

AWARDS AND HONORS

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Best Runner 2019

Responsibilities:

- **Engineered** real-time communication between mobile devices and IoT hardware using Socket.io and Firebase.
- **Developed** a robust Admin CMS to manage device life cycles and system configurations.

Sales Management System

Backend Developer (2019 - 2020)

Description: A high-performance web application for sales operations and business analytics.

Responsibilities:

- **Architected** backend modules capable of processing millions of records with high efficiency.
- **Optimized** complex SQL queries and implemented indexing strategies to reduce response times and ensure scalability.
- **Developed** real-time business dashboards, providing stakeholders with actionable insights.

Salefie

Backend Developer (2020 - 2021)

Description: A workforce management system focused on employee check-ins, reporting, and field navigation.

Responsibilities:

- **Designed** scalable APIs for real-time employee tracking and automated report generation.
- **Integrated** Google Maps API for geofencing, check-in validation, and intelligent route mapping.
- **Synchronized** data across mobile and web platforms using Redis, improving system reliability under high concurrency.

Hostify

Backend Developer (2021 - 2022)

Description: An automated e-commerce platform for hosting services (Domains, SSL, Email Servers).

Responsibilities:

- **Built** a comprehensive customer portal for self-service hosting management.
- **Streamlined** transactions by integrating MoMo Payment Gateway and Zalo Official Account (OA) for automated notifications.
- **Boosted** system performance by implementing Redis caching and asynchronous background job queues.

Ycare

Backend Developer (2022 - 2024)

Description: Health tracking and reward-based e-commerce application.

Technologies: Laravel, MariaDB, Redis, RabbitMQ, Firebase, RESTful API, Social Login (Facebook, Google).

Responsibilities:

- Developed and maintained backend services supporting hundreds of thousands of users.
- Designed RESTful APIs and implemented authentication with JWT and social login.
- Integrated message queuing with RabbitMQ and caching using Redis to optimize performance.
- Managed large-scale data processing and ensured high system stability.

Deemap

Backend Developer (2025 - 2026)

Description: A specialized mapping and land-use planning platform for searching, verifying, and visualizing property planning data.

Technologies: NestJS, PostgreSQL (PostGIS), Vietmap API, FCM, MoMo, In-App Purchase (Google & Apple).

Responsibilities:

- **Architected** a robust backend infrastructure using NestJS and PostgreSQL to handle large-scale planning datasets and high-concurrency requests.
- **Leveraged** PostGIS to implement advanced spatial querying, allowing users to precisely locate land plots using GPS coordinates and geographic boundaries.
- **Integrated** Vietmap API to provide high-accuracy localized map layers and specialized planning visualizations for the Vietnamese market.
- **Implemented** secure multi-channel payment solutions, including MoMo Gateway and In-App Purchases (Google & Apple), to manage service subscriptions.
- **Integrated** Firebase Cloud Messaging (FCM) to deliver real-time push notifications regarding planning updates and transaction status.