ANH LE

SOFTWARE ENGINEER

(+84) 385 886 421 | lequyetanh@outlook.com | linkedin.com/in/qale

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building business applications, APIs, and internal systems. Hands-on with Node.js and Express.js; optimized production workloads through Elastic APM, Nginx caching, Redis-backed background workers, database concurrency controls, and Docker Swarm scaling. Experienced in SQL Server, MongoDB, CI/CD, and legacy API migration.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#

Backend: Node.js, Express.js, .NET Core

Databases & Messaging: MongoDB, SQL Server, Redis, RabbitMQ, Bull/BullMQ

Performance & Monitoring: Elastic APM, Nginx caching, database query optimization

Infrastructure & DevOps: Docker, Docker Swarm, GitHub Actions, GitLab CI/CD, Cloudflare

Frontend & Identity: React, Next.js, Active Directory, .NET Core Identity

PROFESSIONAL EXPERIENCE

Corsair Gaming, Inc.

Oct 2025 – Present

Full-stack Developer | Web Hub

- Developed and maintained frontend features for web-based HID device support.
- Implemented product features and integrated support for new HID devices.
- Optimized services and UI behavior to improve responsiveness and reduce latency in device read/write operations.
- Investigated defects, enhanced existing functionality, and collaborated with Product Managers, QA Engineers, and frontend colleagues.

Sung Ga Vina

Jan 2025 – Sep 2025

Backend Developer

Photobooth Platform | Sung Ga Vina | Backend Developer

- Developed Node.js and Express.js APIs for cross-platform applications and admin interfaces.
- Integrated Elastic APM to identify slow endpoints, resource-intensive operations, and API bottlenecks.
- Implemented Nginx reverse-proxy caching with request-derived cache keys for read-heavy GET APIs
- Built Redis-backed Bull/BullMQ queues for asynchronous user-data processing and updates, running background workers in separate processes/containers from API services.
- Applied MongoDB atomic operations and optimistic concurrency control to prevent race conditions during concurrent data updates.
- Refactored SQL Server schemas and queries to improve database performance and data integrity.
- Enhanced notifications and promotional coupon delivery, including concurrency handling for correct distribution under high traffic.
- Containerized application services with Docker and adopted Docker Swarm with reverse-proxy load balancing for stateless APIs during promotional events with 10–20x normal user activity.
- Led the migration of API services from legacy platforms and configured a staging environment for QA and release testing.

Revenue Management System | Sung Ga Vina | Backend Developer

- Implemented dynamic revenue-routing logic based on location and booth data, together with automated revenue distribution across retail shops using real-time metrics.
- Integrated BKAV eHoaDon for electronic invoice management and submission.
- Implemented authentication and authorization to control access across system modules.

FPT University

Jan 2023 – Dec 2024

.NET Developer

- Developed and maintained internal web applications serving more than 1,000 students, participating in requirements, implementation, testing, deployment, and support.

DHCP Management Web Application | Full-stack .NET Developer

- Built services and repositories to manage DHCP scopes and reservations.
- Integrated Active Directory authentication with .NET Core Identity and cookie authentication; used Entity Framework Core and SQL Server with automatic database migrations.
- Implemented MAC address vendor lookup and Serilog logging.

Password Reset Tool — Self-Service Portal | Full-stack .NET Developer

- Developed Active Directory-integrated password change and self-service reset functionality, including retrieval of domain password policies.
- Implemented Google reCAPTCHA and anti-forgery token protections against bots and cross-site request forgery (CSRF).

EDUCATION

FPT University | Bachelor of Software Engineering | 2020 – 2024