LÝ HOÀI NAM

FULLSTACK DEVELOPER

I'm a software engineer skilled in designing software applications for businesses. I can work independently and seek out innovative information technology solutions to implement in my work. I thrive under pressure and possess the capability to design effective IT systems tailored for businesses.

CONTACT

📞 +84969500345

✉️ Lhn.11411@gmail.com

🏠 13C Nguyen Van Linh, Q8, HCM.

LANGUAGE

English

EDUCATION

Sai gon Technology UNIVERSITY

2012 – 2016 | Computer science

Gia Dinh UNIVERSITY

2016 – 2019 | Software engineer

EXPERTISE

Programming Languages:
C++ base, java base.
C# (including Winform, WPF, Asp.net, and Asp.net Core).
JavaScript, Angular js.
SQL Server.
Maui XAML, Blazor, Uno platform, ML.net.

WORK EXPERIENCE

VNPAY   *12/2019-02/2020*

1.CambodiaPay & HDBank Payment System - Full-time

- P**roject Description:**
A payment gateway system for Cambodia and a transaction processing & reconciliation system for HDBank, utilizing VNPAY for secure financial transactions.
• Company: VNPAY
• Domain: FinTech, Payment Gateway, Banking
• Team Size: 1+
• Position: Full-Stack Developer
• Responsibilities:
• Developed CambodiaPay from scratch as a payment gateway for Cambodia.
• Integrated VNPAY API to handle international transactions and banking payments.
• Built a transaction management and reconciliation system for HDBank.
• Secured API requests using AES Encryption to prevent unauthorized access.
• Optimized transaction processing for high-volume financial data.
• Technologies:
• ASP.NET Core API, SQL Server, Entity Framework Core, VNPAY API, AES Encryption, IIS Deployment

FREELANCE   *2019-2023*

- Developed automation tools to interact with websites and internal systems, even without official APIs (using Selenium, Playwright, and raw HTTP requests).
- Worked with real-world image data using AI: detecting people in images, cropping faces from group photos, and training models with ML.NET.
- Built AI-based attendance tools: automatically capture photos, recognize faces, and record check-in/out times — no special hardware required.
- Created SIM number filtering tools: analyze and group numbers by patterns like repeating digits, lucky numbers (e.g., "thần tài", "tứ quý"), using Regex and smart logic.

- Automated customer messaging via GSM/DCom devices using AT Commands; managed SIM behavior and logic-based SMS dispatching.
- Analyzed and bypassed high-security systems: cracked captchas, decoded encrypted tokens, handled short-lived JWTs, IP bans, and anti-bot mechanisms.
- Deep understanding of internal system behavior: token structure, localStorage encryption, JavaScript obfuscation, and client-side security checks.
- Experience with jailbreaking iPhones, rooting Android devices, injecting apps, and testing app defenses using Frida, Charles, and SSL proxy tools.

PULL MAN (CLUB-V E-GAMING)   *12/2023-02/2025*

1. **Internal CMS for Business Management - Club V**

Project Description:
An internal CMS system for managing employees, customers, orders, reports, and integrated point-checking system.
• Company: Club V
• Domain: Business Management, Web CMS
• Team Size: 1 (Solo Developer)
• Position: Full-Stack Developer
• Responsibilities:
• Developed the entire system from scratch, from database design to production deployment.
• Built the backend using ASP.NET Core 3.1 API and the frontend with jQuery, Bootstrap, Vue js.
• Integrated Point Checking System for business operations.
• Configured, deployed, and optimized the system on IIS.
• Secured API requests using AES Encryption.
• Technologies:
• ASP.NET Core 3.1, SQL Server, Entity Framework Core, Bootstrap, Angular, Vue js, IIS Deployment, AES Encryption

2.**Point Checking System - Full-time (Pullman Hotel)**

- P**roject Description:**
A point-checking system for Pullman Hotel, designed to track and manage customer transactions and loyalty benefits.
• Company: Pullman Hotel
• Domain: Hospitality, Loyalty Management
• Team Size: 1 (Solo Developer)
• Position: Full-Stack Developer
• Responsibilities:
• Developed a customer transaction tracking and point-checking system.
• Built the backend with ASP.NET Core API and the frontend using jQuery, Bootstrap, Angular js.Vue js.(GPT AI)
• Integrated SQL Server for transaction data storage.
• Configured IIS Deployment and optimized the system for production.
• Implemented API security to prevent unauthorized requests.
• Technologies:
• ASP.NET Core API, SQL Server, Entity Framework Core, Bootstrap, Vue js(Point-Checking V2), Angular JS, IIS Deployment, AES Encryption, Wpf.