

Thanh Tai Nguyen

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WORK EXPERIENCE

Full Stack Developer

Jun 2024 - Present

NewTech

HCMC, VietNam

- Assisted in the migration of legacy code to newer frameworks, enhancing maintainability and codebase stability while minimizing technical debt.
- Integrated a third-party analytics tool (e.g., Google Analytics) to track user behavior, leading to data-driven design improvements that increased user retention by 25%.
- Introduced a distributed logging system, enhancing troubleshooting capabilities and reducing system downtime by 25%.
- Contributed to team knowledge sharing initiatives, conducting workshops on new tools and techniques, resulting in an upskilled and more efficient development team.

Full Stack Developer Intern

Mar 2024 - Jun 2024

NewTech

HCMC, Vietnam

- Contributed to team knowledge sharing initiatives, conducting workshops on new tools and techniques, resulting in an upskilled and more efficient development team.
- Collaborated with the backend team to optimize API calls, leading to a 20% improvement in server response time and enhanced overall application performance.
- Resolved a major security vulnerability by applying input validation and sanitization, preventing potential data breaches and safeguarding user information.

PROJECTS

ENHANCE CREDIT SCORE WEBSITE [↗](#)

Jul 2025 - Aug 2025

- Description:** Developed a responsive credit score lookup application using CMND/CCCD, featuring credit factor analysis, score explanation, historical tracking, improvement tips, input validation, error handling, and LLM-driven automated data retrieval.
- Team Size:** 5
- Responsibilities:** Full-stack development, UI/UX design, Dev-ops, Integrate AI models into the system.
- Technologies Used:** AWS S3, Flask framework, Render free tier(CI/CD).

TRAFFIC LIGHT MANAGEMENT SYSTEM

Feb 2025 - Jul 2025

- Description:** Developed a responsive IoT traffic light management system with real-time monitoring, emergency shutdown, log retrieval, performance tracking, firmware upgrades, and control modes (manual, auto, SOS).
- Team Size:** 4
- Responsibilities:** Full-stack development.
- Technologies Used:** ASP.NET Web API, Angular, SQL Server.

TECHNOLOGY ECOMMERCE WEBSITE

Sep 2022 - Dec 2022

- Description:** Developed a technology sales website featuring user registration, login, search, filtering, product management (add, delete,edit), shopping cart, and payment functionalities.
- Team Size:** 1
- Responsibilities:** Full-stack development, testing, data analysis, and UI/UX design.
- Technologies Used:** ASP.NET MVC, Entity Framework Database First, Web API.

EDUCATION

Engineer of Information Technology

Jan 2020 - Oct 2025

Ho Chi Minh City University of Industry and Trade

GPA: 3.44/4.0

- Participated in the 2024 Scientific Research Competition organized by the Faculty of Information Technology.
- Supported the team that won first prize in the 2024 Faculty of Information Technology Scientific Research Competition.
- Received two merit-based scholarships for academic excellence during the 2022-2023 academic year.

SKILLS

Languages: C#, Java, TypeScript, JavaScript, Python

Project Management: GitHub, GitLab, SourceTree

Tools: SQL Server Management Studio, Visual Studio Code, Visual Studio 2022, Dbeaver, Eclipse IDE

Soft Skills: Time Management, Teamwork skills, Learning and improvement mindset, Self-learning

LANGUAGES

English (TOEIC 750) (Professional working proficiency)

CERTIFICATIONS

VPBank Hackathon Certificate of Participation [↗](#) by VPBank

Aug 2025

hackhcmc Certificate of Participation (Credential ID: c1a0139d-1254-46b7-93f5-cb6d7216c3d4) [↗](#) by AngelHack Corporation

Jul 2024