

# Nguyen Thi Quynh Mai

Software Engineer Intern

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Portfolio: <https://quynhmai-portfolio.vercel.app/>

## PROFILE

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- Aspiring Software Engineer with a strong foundation in Computer Science, developed through rigorous coursework and hands-on projects as a fourth-year Information Systems student at the University of Information Technology.
- Highly motivated to pursue a career in software development, with a strong interest in full-stack systems, data-driven applications, and scalable web platforms. Eager to apply technical expertise, strengthen problem-solving skills, and contribute to real-world projects while continuously learning modern technologies.

## EDUCATION & LEARNING DEVELOPMENT

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<b>University</b> Sep 2021 - Jan 2026 (Expected)	<ul style="list-style-type: none"><li>● <b>University of Information Technology - UIT</b> Major: Advanced Program in Information System GPA: 9.04/10</li></ul>
<b>Programing Course</b> Mar 2022 – Now	<ul style="list-style-type: none"><li>● <b>Thinking &amp; Programing Skills with C++</b> at KMIN Academy (Mar 2022 – July 2022)</li><li>● <b>C# Basic &amp; Advanced</b> at HowKteam (Apr 2024)</li><li>● <b>Object Oriented Programing with C#</b> at HowKteam (May 2024)</li><li>● <b>NNPP Fullstack</b> at EngineerPro (June 2024 – Now)</li><li>● <b>Fundamental Data Analysis</b> at KMIN Academy (Sep 2022 – Nov 2022)</li><li>● <b>SQL For Data Analyst</b> at Udacity (Oct 2022 – Dec 2022)</li><li>● <b>Full-Stack Developer</b> with mentor (June 2025 - Now)</li></ul>
<b>English Course</b> 2023 – Now	<ul style="list-style-type: none"><li>● <b>IELTS Reading &amp; Advanced Vocabulary</b> at IELTS Huỳnh Thảo - YOSE Home (Apr 2023 – June 2023)</li><li>● <b>IELTS Advanced &amp; Intensive</b> with Mrs. Anh Duong (July 2023 – Jan 2024)</li></ul>




## KNOWLEDGE & SKILLS

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- **Programming:** Proficient in C++, C#, HTML, CSS, JavaScript, NodeJS, React, Tailwind, TypeScript, NestJS, including web development and Window Forms.
- **Database Management & SQL:** Extensive experience with SQL server, Oracle, MongoDB, PostgreSQL, Prisma.
- **Data visualization & Analytics:** Having experience with Power BI and Microsoft Excel.
- **Leadership & Communication:** Quick learner with the ability to adapt to new technologies, strong leadership abilities with effective communication skills in both English and Vietnamese.

## PROJECTS

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<b>TradiHerb</b> (AI-Powered Knowledge Management System for Traditional Medicine) (Sep 2025 – Now)	<ul style="list-style-type: none"><li>Developed a <b>large-scale knowledge management system</b> for Vietnamese Traditional Medicine, combining structured medical data with <b>AI-powered semantic search</b>.</li><li>Designed a <b>modular backend (Node.js, Express)</b> with authentication, role-based access control, and domain-specific data models.</li><li>Implemented Retrieval-Augmented Generation (<b>RAG</b>) using vector databases to support <b>natural-language</b> queries with high accuracy and reduced hallucination.</li><li>Built a responsive <b>React frontend</b> enabling knowledge exploration, expert content contribution, and AI-assisted search.</li></ul> <p> Demo: <i>(add when available)</i></p>
<b>Event-Hub</b> – Event Management & Social Interaction Platform (Nov 2025 – Now)	<ul style="list-style-type: none"><li>Built a <b>full-stack</b> event management platform allowing users to create, manage, and join events in real time.</li><li>Implemented <b>JWT-based</b> authentication and role-based authorization for hosts and participants.</li><li>Designed complete <b>event lifecycle workflows</b> (create, join/leave, cancel/reactivate, host management).</li><li>Developed clean <b>RESTful APIs</b> and an interactive <b>React UI</b>, focusing on scalability and user experience.</li></ul> <p> Demo: <i>(add when available)</i></p>
<b>Love Gift Website</b> Sep 2024 – Dec 2024	<ul style="list-style-type: none"><li>Developed a <b>full-stack web application</b> for couples featuring wishlist sharing and task-based reward mechanisms.</li><li>Implemented secure <b>JWT authentication</b> including login, password recovery and session management.</li><li>Designed a <b>wishlist synchronization</b> and <b>reward system</b> enabling users to earn and redeem points.</li><li>Built a scalable backend with <b>Node.js, Express, MongoDB</b> and a dynamic React frontend.</li></ul> <p> GitHub: <a href="#">Love Gift Project</a></p>

## ACHIEVEMENTS

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- **Nov 2025:** Awarded the Outstanding Student Scholarship by Vietnam National University – Ho Chi Minh City (VNU-HCM) for three consecutive years, recognizing excellent academic performance.
- **Sep 2021:** The student with the second highest score in the entrance exam of advanced program of University of Information Technology in 2021
- **Sep 2021 – July 2022:** Winning the school's academic encouragement scholarship for 3 consecutive terms with GPA respectively are 8.5/10, 7.9/10 and 9.09/10.
- **Feb 2023:** Top 5 students with excellent academic achievements in the advanced program of Information Systems faculty (GPA 9.09/10)
- **May 2023:** Winning the scholarship for excellent female students from GeoComply company.
- **July 2023:** Student with highest academic achievements in the advanced program of Information Systems faculty (GPA 9.74/10)
- **Feb 2024:** Winning the scholarship for student with highest academic achievement in the advanced program of faculty (GPA 9.48/10)