NGUYEN NGUYEN NGOC ANH

Ho Chi Minh City
ngocanh030110@gmail.com

(+84) 857 035 766
22520058@gm.uit.edu.vn

EDUCATION

- **University of Information and Technology - Vietnam National University HCM**
  GPA: 3.38/4.0

  Major: Software Engineering
  Interest: Highload system, AI/ML , DevOps,..

LANGUAGES

- **English**

  TOEIC 11/2024
  Reading - Listening: 815

SKILLS

- **Programming:** TypeScript, JavaScript, Java , C# , Python, C/C++.
- **Frameworks:** ReactJS, NestJS, ExpressJS.
- **DevOps Tools:** Github Action, Jenkins, Docker, Kubernetes, ArgoCD.
- **Tools:** Git, VSCode, Postman, Figma, Draw.io.
- **Cloud:** AWS.
- **Soft skills:** English, management skill, teamwork.

PROJECTS

- **AI-Chat: VSCode Extension (Cofire)**   04/2025 - 06/2025
  Role: Co-Leader - Team size: 2
  – Tool & Technology: TypeScript, HTML/CSS/JavaScript, Visual Studio Code API, ExpressJS, Figma, Postman, GitHub, AI Models (Gemini, etc.).
  – Designed and implemented a VSCode extension integrating AI for code autocompletion, inline code generation, code explanation, and contextual chatting to enhance developer productivity.
  – Conducted requirements analysis, use-case modeling, sequence/state diagrams, and UI design, addressing pain points like manual coding errors and large codebase navigation.
  – Built core features including AI model switching, context expansion (via files/folders), and seamless integration with VSCode's editor, resulting in reduced coding time and improved code quality.
  – Evaluated existing tools, identified limitations, and proposed solutions for offline support and multimodal interactions in future expansions.

- **Clinic Management System for Private Practices**   03/2024 - 06/2024
  Role: Co-Leader - Team size: 4
  – Tool & Technology: Java (MVC Architecture), Postgres (NeonDB), Postman, Draw.io, Figma.
  – Developed a comprehensive software system for managing patient registrations, medical examinations, billing, and monthly reporting to digitize clinic operations.
  – Performed detailed requirements gathering (business, system, quality), including functional specs for patient lookups, invoice generation, and regulatory adjustments.
  – Designed data models, UI prototypes, and processing logic using DFDs, ER diagrams, and algorithms for tasks like prescription printing and revenue calculations.
  – Implemented security features (role-based access), ensured data integrity, and optimized for efficiency on modest hardware, enabling accurate tracking of up to 40 daily patients and customizable drug/inventory management.

- **Restaurant Management Website**   01/2025 - 04/2025
  Role: Leader - Team size: 4
  – Tool & Technology: ReactJS, Node.js/ExpressJS, MongoDB Atlas, Socket.IO, ZaloPay API, Figma, Draw.io.
  – Built a full-stack web application for restaurant operations, including online ordering, table reservations, employee/inventory management, and revenue reporting.
  – Defined use-cases for customer features (dish search, cart checkout, comments) and admin tools (order status updates, invoice creation, ingredient purchases).
  – Implemented MVC architecture with real-time updates via Socket.IO, hybrid search for reservations, and secure payment integration, improving operational efficiency.
  – Achieved a user-friendly interface with dynamic components for table management and analytics, paving the way for future expansions like promotions and multimodal inputs.