



NGUYEN XUAN HAI

FULL-STACK DEVELOPER

PROFILE

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- ✉️ xuanhai0913750452@gmail.com
- 📍 Ho Chi Minh City
- 📁 Portfolio : hailamdev.space

SKILLS

SOFT SKILLS

- Communication Teamwork
- Problem Solving
- Time Management
- Proficient in Office

TECHNICAL SKILLS

- Programming Languages:
 - C++
 - JavaScript
 - Python
- Web Development:
 - HTML
 - CSS
 - React
 - Node.js
- Database Management:
 - SQL
 - MySQL
- Version Control:
 - GitHub
- Development Tools:
 - Visual Studio
 - VS Code

EDUCATION

INFORMATION TECHNOLOGY MAJOR

2022 - 2026

Ho Chi Minh City University of Transport

- Studying and working effectively
- Earned honors in key coursework
- Mastered skills with practical applications

CERTIFICATIONS

- 2023 Basic office information technology
- 2024 Certificate in accounting and auditing
- 2025 Gemini Certified University Student
- 2025 Code a Joke-Telling Talkbot
- 2025 Volunteer Participation Certificate

ACTIVITIES

VOLUNTEERS

September 2023 - October 2023

The house has many leaves

Participate and work with society as well as heal yourself

VOLUNTEERS

October 2024 - Present

English community house

Create a website to support teaching English to the disabled and people in difficult circumstances. (ech.edu.vn)

PERSONAL PROJECT

FRONTEND DEVELOPER

March 2025 - Present

My Portfolio – Personal Website

- Technologies Used:
 - ReactJS, JavaScript (ES6+).
 - HTML5, CSS3, TailwindCSS.
 - React Router DOM.
 - AOS (Animate On Scroll), React Icons.
 - Git, GitHub, and Vercel for CI/CD deployment.
- GITHUB: <https://github.com/xuanhai0913/My-Portfolio-NXH>
- WEBSITE: <https://www.hailamdev.space>

FULLSTACK DEVELOPER

October 2024 - January 2026

VN Media Hub (CMS & Media Platform)

- Technologies Used:
 - Backend: ASP.NET Core 8.0 Web API, Entity Framework Core 8.0, SQL Server.
 - Frontend: React 18, Vite, React Router DOM, Axios, Framer Motion (Animations), Tailwind CSS/Bootstrap.
 - Authentication & Security: JWT (JSON Web Tokens), Google OAuth2 Integration, reCAPTCHA v3, Spam Detection, Content Moderation Service.
 - DevOps & Tools: Docker, Serilog (Structured Logging), Swagger/OpenAPI, Git, IIS Deployment.

- Performance: Redis/Memory Cache, Brotli/Gzip Response Compression, Image Optimization Service.
- Libraries: QuestPDF (PDF Export), FluentValidation, AutoMapper, React Quill (Rich Text Editor).
- WEBSITE: <https://vnmediahub.com/>

FULLSTACK DEVELOPER

October 2024 - Present

ECH (English Community House) - Learning Management System

- Technologies Used:
 - Backend: ASP.NET Core 8.0 MVC, RESTful API, Entity Framework Core 8.0, SQL Server.
 - Frontend: Bootstrap 5, JavaScript (ES6+), jQuery, HTML5/CSS3.
 - Authentication & Security: ASP.NET Core Identity, JWT (JSON Web Tokens) for API security, Role-based Authorization (Admin, Instructor, Student), Security Headers (CSP, XSS Protection).
 - Integrations & Services:
 - Cloudinary: Cloud-based scalable image and media storage.
 - MailKit (SMTP): Robust email delivery service for notifications and account verification.
 - QuestPDF: High-performance PDF generation for dynamic course certificates.
 - ClosedXML: Excel report generation and data export.
 - DevOps & Tools: Git, Swagger/OpenAPI, Windows IIS Deployment.
- WEBSITE: <https://ech.edu.vn>

MACOS DEVELOPER

December 2025 - December 2025

Vision Key – AI Screen Assistant

- Technologies Used:
 - Swift 5.9+, SwiftUI, AppKit.
 - Google Gemini 2.5 Pro API.
 - Carbon Framework (Global Hotkey).
 - macOS Security Framework (Keychain).
 - Git and GitHub for version control.
- LANDING: <https://visionpremium.hailamdev.space>
- GITHUB MACOS: <https://github.com/xuanhai0913/Vision-Key>
- GITHUB EXTENSION PRO: <https://github.com/xuanhai0913/Extension-Vision-Premium>
- GITHUB EXTENSION: <https://github.com/xuanhai0913/Extension-Vision-Key>

PYTHON DEVELOPER

October 2025 - December 2025

LLM-Powered Unit Test Generation – Personal Project

- Technologies Used:
 - Python 3.8+.
 - Deepseek API (Large Language Model Integration).
 - Requests library for HTTP client.
 - Pytest, pytest-cov for testing.
 - Black, Flake8, Pylint, Mypy for code quality.
 - Python-dotenv for environment management.
 - Git and GitHub for version control.
- GITHUB: <https://github.com/xuanhai0913/LLM-Unit-tests>
- DEMO: <https://www.hailamdev.space/videos>