BUI VAN BINH

- 0329054205
- buivanbinh1310@gmail.com
- Xa Dan- Dong Da- Ha Noi

PROFESSIONAL SUMMARY

"I'm a fourth-year student at HUST majoring in Digital Communication & Multimedia Engineering. With a passion for web development and a creative mindset, I combine design and code to build intuitive, user-friendly websites. I'm eager to contribute to real-world projects where I can grow through collaboration and continuous learning."

EDUCATION

Hanoi University of Science and Technology
Major - Digital Communication and Multimedia Engineering - Advandced Program
Expected Graduation: 2026

PROJECT

Monderat Music Player Web - *Personal*   https://moderat-website.vercel.app/

- Description: Built a responsive music player with custom UI/UX allowing users to play, pause, and switch tracks.
- Tech: HTML5, CSS3, JavaScript, Bootstrap 4
- Code: GitHub Repo

Game Online Website - *Personal*

- Description:A browser-based online gaming platform that allows users to play casual games directly on the website. Designed to explore real-time interaction, basic backend integration, and improve user experience through intuitive interface and responsive design.
- Responsibilities:
  - Built a Node.js server with Express to handle routing and serve static game assets
  - Designed interactive UI using HTML5, CSS3, and vanilla JavaScript
  - Structured the project for scalability and future integration of multiplayer features
- Technologies: HTML5, CSS3, JavaScript, Node.js, Express
- Code: GitHub Repository

Legal Document Management System using Blockchain – *Academic Project*

- Description: A digital legal document management system designed to ensure transparency, security, and integrity by integrating blockchain technology. The system allows users to upload, verify, and manage legal documents with digital signatures and hashed verification for authenticity tracking.
- Key Features:
  - Secure file upload and hash-based document verification
  - Integration of digital signature authentication
  - Role-based access control for different user levels
  - Blockchain-based storage for tamper-proof document logging

- Responsibilities:
  - Implemented core backend features using C# and ASP.NET Core
  - Designed the database schema for user roles, file metadata, and access logs
  - Integrated blockchain principles for hash storage and transaction logging
  - Worked on frontend UI for uploading and verifying documents
- Technologies: C#, ASP.NET Core, SQL Server, IPFS/Blockchain Concepts, HTML/CSS
- Code: GitHub Repository

AI-powered IELTS Learning Platform – *Personal Project* **(In Development)**

- Description: An interactive web app that helps users practice IELTS Speaking by providing a clean UI for recording, submitting, and reviewing their answers with instant AI feedback. Focused on creating an intuitive, responsive, and engaging user experience.
- Frontend Highlights:
  - Developed with React.js and custom CSS (no framework) to maximize control over layout and animations
  - Implemented a smooth audio recording interface using MediaRecorder API
  - Designed dynamic UI flow: start test → record → loading → result with score & feedback
  - Built responsive layout optimized for both desktop and mobile IELTS learners
- Connected Features:
  - Communicates with backend (Node.js) for AI feedback & audio transcription (Whisper.cpp)
  - Parses Excel files to auto-create personalized learning paths (via JSON logic)
- Technologies: React.js, CSS3, MediaRecorder API, Chart.js (planned), Node.js, Whisper.cpp
- Code: GitHub Repository

ADDITIONAL INFORMATION

- **Programming Languages**: HTML5, CSS3, SASS, JavaScript, Responsive Design
- **Library:** ReactJS
- **Frameworks & Tool** : Boostrap4, Git, VSCode
- **Backend (basic) :** Node.js, MySQL, Express.js
- **Knowledge in**: Object-Oriented Programming, Algorithms, Operating Systems, Databases, NLP, Machine-Learning
- **Soft Skills**: Teamwork, Logical Thinking, Problem-Solving
- **Github**: https://github.com/Chu-vit-Huster-ngao-ngo-2k4