

TRAN BAO DUY

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Final-year Software Engineering student (HUTECH, 2022–2026) with strong hands-on experience building full-stack web and mobile applications. Proficient in Java Spring Boot, ASP.NET Core, PHP MVC, Flutter, and Python (Flask/FastAPI) for RESTful API development. Delivered 4 end-to-end projects incorporating machine learning features, real-time functionality, and 3D rendering. Seeking a Full-Stack Developer position to build scalable, user-centric software products.

EDUCATION

(2022 – 2026)

Engineering in Information Technology
Ho Chi Minh City University of Technology (HUTECH) – Major in Software Engineering

SKILLS

Frontend Development

- HTML, CSS, JavaScript, Bootstrap, Responsive Design
- Flutter, Dart, State Management (Provider / Bloc)
- UI/UX Design with Figma and Canva

Backend Development

- C#, ASP.NET Core MVC, Entity Framework
- Java, Spring Boot, Spring Data JPA, Spring Security
- Python (Flask / FastAPI) for RESTful API Development
- Authentication & Authorization, API Integration
- API Testing with Postman and Swagger UI

Database Management

- SQL Server, MySQL, PostgreSQL

Tools & Platforms

- Visual Studio, VS Code, Android Studio, Git, GitHub

Office Productivity

- Microsoft Word, Excel, PowerPoint, Outlook

Soft Skills

- Teamwork, Communication, Problem Solving, Time Management, Self-learning

CERTIFICATIONS

- Parkinson Detection From Voice Data (IBM Skills Network – Cognitive Class, Sep 2024) [Credential](#)
- Parkinson Detector App Deployment (Part2 iBest Workshop, IBM Skills Network, Sep 2024) [Credential](#)
- Cancer Image Detection With PyTorch (Part3 iBest Workshop, IBM Skills Network, Sep 2024) [Credential](#)
- CEF B1 Certificate – issued by Ho Chi Minh City University of Technology (HUTECH)
- Certificate in Communication and Teamwork Skills – issued by Ho Chi Minh City University of Technology (HUTECH)

INTERNSHIP EXPERIENCE

Business Analyst Intern – Nasani

(10/2025 – 01/2026)

- Validated system features based on requirements
- Assisted in testing application functions
- Reported issues and inconsistencies between system behavior and documentation
- Collaborated with development team to ensure product quality

PROJECTS

Website Tour Booking System [🔗](#)

(09/2024 – 11/2024)

- Backend: ASP.NET Core + SQL Server, RESTful API, Machine Learning
- Frontend: HTML, CSS, JavaScript
- Description: Developed a tour booking system allowing users to search and book tours, leave reviews, receive personalized tour suggestions, and interact with a customer support chatbox.
- Result: Improved booking management and enhanced user experience through intelligent tour recommendations.

(09/2024 – 12/2024)

Smart Real Estate Trading Platform [🔗](#)

- Backend: PHP (MVC), MySQL, Machine Learning
- Frontend: HTML, CSS, JavaScript
- Description: Developed a platform for posting, searching, and filtering real estate by price, location, and area, with AI-powered price prediction and personalized property recommendations.
- Result: Enabled users to search properties efficiently, with accurate price forecasts and tailored recommendations.

(08/2025 – 10/2025)

Tour Booking Mobile App [🔗](#)

- Frontend (Mobile): Flutter, Dart
- Backend: REST API (Python), SQL Server
- Description: Developed a mobile app for customers to book tours, make online payments, manage profiles, leave reviews, track bookings, and interact with real-time customer support.
- Result: Enhanced user convenience and ensured seamless data synchronization with the web system.

(09/2025)

3D Tourism Website – Promoting An Giang Tourism [🔗](#)

- Frontend: Flutter + WebGL/Three.js
- Backend: REST API (Python), SQL Server
- Description: Developed a website enabling users to experience 3D/360° tours of key attractions and virtual tours.
- Result: Effectively promoted local tourism and provided an immersive user experience.