

# Dang Van Trong

Frontend and Backend developer

## Contact information

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## Overview

I'm currently a 4th-year student at Ton Duc Thang University, passionate about creating cross-platform applications and open-source projects.

About English, I have basic communication skill. I am studying for the TOEIC exam.

I am looking for an internship where I can grow up as a developer with some real-world experience.

## Education

<b>Aug 2022 – Now</b>	<b>Ton Duc Thang University</b>
	<b>Major</b> - Software Engineering
	Level - Good

## Skills

<b>Main</b>	<ul style="list-style-type: none"><li>Dart, JavaScript, Python, SQL</li><li>Flutter, NextJS, ExpressJS</li><li>Node (ExpressJS)</li><li>PostgreSQL, MongoDB, Redis</li><li>Docker, Git, Npm, VSCode, GitHub</li><li>MySQL, PostgreSQL, NoSQL (MongoDB), Redis</li><li>RESTful API</li><li>AWS (S3, EC2, Elastic Beanstalk)</li><li>Cloudflare (R2)</li><li>Design patterns</li></ul>
<b>Other</b>	<ul style="list-style-type: none"><li>Java, C#, HTML/CSS</li><li>Spring Boot</li><li>MySQL</li><li>Bruno, Postman</li><li>Jira, Huly.io</li></ul>

# Projects

## P2LAN TRANSFER (PERSONAL PROJECT)

(Jul 2025 - Aug 2025)

<b>Client</b>	Personal Project
<b>Descriptions</b>	<p>A Flutter application that can help you with wireless communication between devices in the same local network. Once two devices are paired, they can transfer data with each other.</p> <ul style="list-style-type: none"> <li>View project: <a href="https://portfolio.trongajt.com/projects/p2lan-transfer">https://portfolio.trongajt.com/projects/p2lan-transfer</a></li> </ul>
<b>Team Size</b>	1
<b>Position</b>	Project Manager
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>Designed and developed an intuitive User Interface using Flutter to display real-time connection status and data transfer progress.</li> <li>Implement a mechanism for devices to discover and pair with each other over the local network.</li> <li>Implemented Peer-to-Peer connection and data transmission logic over a local network, ensuring stable communication without a centralized server.</li> <li>Develop an advanced settings panel with customizable options allowing users to limit reception capacity, configure transmission encryption, and control transfer speed, among others.</li> </ul>
<b>Technology in use</b>	<ul style="list-style-type: none"> <li>Flutter (Dart)</li> <li>Socket Programming (TCP/UDP)</li> <li>State Management (Provider)</li> <li>Local Storage (Isar)</li> </ul>

## RANDOM PLEASE (PERSONAL PROJECT)

(Aug 2025)

<b>Client</b>	Personal Project
<b>Descriptions</b>	<p>A great collection of random generators and utilities! A cross-platform Flutter application designed to provide essential randomization tools for daily use - from secure password generation to mathematical calculations and creative decisions.</p> <ul style="list-style-type: none"> <li>View project: <a href="https://portfolio.trongajt.com/projects/random-please/">https://portfolio.trongajt.com/projects/random-please/</a></li> </ul>
<b>Team Size</b>	1
<b>Position</b>	Project Manager
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>Develop a randomization feature supporting 12 tools with dedicated settings and customizations for each tool.</li> <li>Design a highly reusable user interface (UI) to minimize code repetition (or to ensure component reusability).</li> <li>Implement a user interface customization mechanism to support user preferences, including: Multi-language support, Light/Dark Mode, Menu item reordering.</li> <li>Develop a mechanism to save history and pin/favorite generated data (or output).</li> <li>Implement a Zero-Knowledge data encryption mechanism to enable users to independently protect their sensitive data.</li> </ul>
<b>Technology in use</b>	<ul style="list-style-type: none"> <li>Flutter (Dart)</li> <li>State Management (Provider)</li> <li>Local Storage (Hive)</li> <li>Cryptographically secure random</li> <li>Zero-knowledge encryption</li> </ul>

## LUXE HOTEL ACADEMIC (SCHOOL PROJECT)

(Sep 2025 - Nov 2025)

<b>Client</b>	School Project
<b>Descriptions</b>	<p>Luxe Hotel Academic is an academic case study implementing a complete Hotel Stay Lifecycle Management System. This project includes 2 Frontends (NextJS web for customers, Flutter app for staffs) and 1 Backend (Spring Boot)</p> <ul style="list-style-type: none"><li>• View project: <a href="https://portfolio.trongajtt.com/projects/luxe-hotel-academic">https://portfolio.trongajtt.com/projects/luxe-hotel-academic</a></li></ul>
<b>Team Size</b>	3
<b>Position</b>	Team Leader
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Create ERD, UseCase diagrams, DFD.</li><li>- Use Flutter to build the Frontend for hotel staff, with core functions supporting the operations of IT, Manager, Front Desk, and Outlet departments.</li><li>- Use NextJS (ReactJS) to build the Frontend for the client, with core features such as login, registration, browsing and searching for hotel rooms, making reservations (booking), and viewing the booking history.</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>- Frontend: Flutter, NextJS</li><li>- Backend: Spring Boot, PostgreSQL</li><li>- Architecture: Monolith</li></ul>

## TUITION IBANK ACADEMIC (SCHOOL PROJECT)

(Sep 2025 - Oct 2025)

<b>Client</b>	School Project
<b>Descriptions</b>	<p>An academic case study simulating the "Tuition Payment" functionality within a digital banking iBanking application. Users log in with provided credentials and access a comprehensive tuition fee payment interface that includes three main sections: payer information, tuition details, and payment processing.</p> <ul style="list-style-type: none"><li>• View project: <a href="https://portfolio.trongajtt.com/projects/tuition-ibank-academic">https://portfolio.trongajtt.com/projects/tuition-ibank-academic</a></li></ul>
<b>Team Size</b>	3
<b>Position</b>	Front-end Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Create ERD, UseCase diagrams</li><li>- Use Flutter to build a single application serving both students (or trainees) and management staff, fulfilling the following functionalities: Student Management, Student Tuition Fee Management, Tuition Fee Lookup/Inquiry, Tuition Fee Payment, Transaction History Lookup/Inquiry</li><li>- Use Riverpod for state management.</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>- Frontend: Flutter</li><li>- Backend: Spring Boot, Docker</li><li>- Architecture: Microservice</li></ul>