

# TRẦN PHÚC TIẾN

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## EDUCATION & AWARDS

**Bachelor of Information Technology in Hanoi University of Civil Engineering** **GPA 3.29/4**

- Ranked 1st in the Faculty of Information Technology (2023–2024 academic year)
- Received multiple scholarships for excellent and outstanding academic performance
- Awarded the prestigious Đỗ Quốc Sâm Scholarship
- Representative of Faculty of IT in CSC Award 2024

## EXPERIENCE

**Fullstack developer in Viettrend Travel** **Jan 2023- Feb 2024 (1 year)**

- Developed and maintained flight booking web application (frontend & backend)
- Applied SOLID principles and clean architecture for maintainability
- Integrated payment system and bulk email functionalities
- Improved Lighthouse performance score to consistently exceed 90 points with web performance
- Write and maintain unit tests using xUnit for C# backend modules to ensure application quality and stability

## PROJECT

**Graduation Project: Family Tree Diagram (FullStack)** **3 months**

(Highest-graded graduation project in the Faculty of Information Technology (2024–2025))

- **Improved query speed and storage** by implementing Persistent Segment Tree, indexing, and compression
- **Reduced OpenAI API costs** by 5x through caching & batching
- Used async/multi-threading for **email batch tasks**
- **Enhanced UX** via lazy loading, render optimization → 100% faster load times
- **Enhanced system security** to prevent XSS, SQL Injection, and other vulnerabilities.
- **Resolved performance and conflict** issues when multiple users collaborated and edited a single diagram simultaneously.
- Applied BFS/DFS, dynamic programming, ... in complex features
- Used SignalR for realtime feature
- **Technologies:** .NET, Redis, SignalR, Hangfire, Entity Framework, FIDO2, ...

## TECHNICAL SKILLS

- **Languages:** C# (.NET), Java (Spring Boot), JavaScript/TypeScript
- **Frontend:** Html/Css, Tailwind, ReactJs, NextJs
- **Backend:** REST API, Entity Framework, LINQ, SQL
- **Other:** Git, OOP, Design Patterns, Clean Architecture
- **Security:** XSS, SQL Injection prevention
- Strong Algorithms & DSA

## SKILL

- Strong foundation in OOP, SOLID principles, and clean code
- Proficient in solving algorithmic problems and optimizing performance
- Fast learner, team player, proactive in exploring new technologies
- Experienced with building scalable and secure web applications