



TRAN QUANG DUNG

Full-Stack Developer Intern

As a motivated and creative IT student and full-stack developer, I enjoy transforming ideas into useful products that solve real-world problems. I am confident working with the *MERN Stack*, as well as modern technologies like Next.js and relational databases (PostgreSQL, MySQL). Having completed two comprehensive projects, I believe I would thrive even more working in a professional environment with clear processes and learning from experienced colleagues. Therefore, I am eager to join your company as an intern to work diligently, create significant value, and sustainably improve myself.

Profile

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- Github | LinkedIn: /tqd0105
- Thu Duc, TP.HCM

Education

UTH - University of Transport Ho Chi Minh City

| Sep 2023 - Sep 2027

Major: Information Technology

GPA: 3.4/4.0

Technical Skills

Frontend

HTML5, CSS3

JavaScript (ES6+), TypeScript

ReactJS, Next.js

TailwindCSS

Backend

Node.js (Express.js), Restfull API

Projects

SPACEZONE - SOCIAL MEDIA WITH REAL-TIME CHAT | 03/2025 - 06/2025

FullStack Developer | Personal Project

A full-stack social media web application with real-time messaging, user authentication, and interactive features such as posts, comments, friend connections and profile customization.

Responsibilities

- Built responsive and user-friendly interfaces using *ReactJS* and *TailwindCSS*.
- Designed and developed RESTful APIs using Node.js and Express.js for user, post, and messaging services.
- Implemented secure user authentication and authorization using *JWT*.
- Implemented real-time messaging using Socket.IO for instant user communication.
- Designed *MongoDB* schema and implemented efficient data models for users, posts, friendships, messaging features and profile data.
- Designed and implemented social interaction features (likes, comments, connections), improving user engagement and system interaction flow.
- Integrated frontend with backend APIs, ensuring smooth data flow, validation, and error handling.
- Deployed and maintained full-stack application using GitHub Pages (frontend) and *Render* (backend).
- Managed source code and version control using *Git* and *GitHub*.

Technologies

- Frontend: ReactJS, TailwindCSS
- Backend: Node.js (Express.js), Socket.IO
- Database: MongoDB
- Deployment: Github Pages, Render
- Tools: Git/GitHub, VSCode, Postman, Docker

GitHub: <https://github.com/tqd0105/SpaceZone---Social-Media>

Demo: <https://tqd0105.github.io/SpaceZone---Social-Media>

design
Database

PostgreSQL (Prisma ORM), MySQL

MongoDB (Mongoose)

Tools & Deployment

Git/Github

Postman

Docker

Linux (Debian)

Vercel, Render, Supabase

Soft Skills

Communication

Problem-solving & Debugging

Adaptability

Teamwork

Time Management

Others

AI Tools

Github Copilot, Cursor, Claude CLI, Codex

English

- Read & understand technical documentation

- Communicate in technical discussions

- Write documentation and reports

LIGHTBRAVE.EDU - STUDENT MANAGEMENT WITH QR CODE

| 07/2025 - 10/2025

FullStack Developer | Personal Project

A web-based student management system with QR code attendance tracking and role-based access control for teachers and students.

Responsibilities

- Designed and developed scalable backend services using Node.js, Express.js, and TypeScript, exposing RESTful APIs for business logic and data processing.
- Designed relational database schema using PostgreSQL and Prisma ORM, handling complex data relationships.
- Implemented secure authentication (JWT) and role-based access control (RBAC) for user authorization.
- Applied backend security practices including password hashing and request validation.
- Developed frontend features using *Next.js (App Router)*, *TypeScript* and built responsive interfaces with *TailwindCSS*.
- Developed QR code-based attendance system to automate student check-in process.
- Managed source code and version control using *Git* and *GitHub*.

Technologies

- Frontend: NextJS, TailwindCSS
- Backend: Node.js (Express.js), TypeScript
- Database: PostgreSQL
- Deployment: Vercel, Render
- Tools: Git/GitHub, VSCode, Postman, Docker

GitHub: <https://github.com/tqd0105/student-management-system>

Demo: <https://sms-fe-lovat.vercel.app>

Interests

- **Walking** (come up with new ideas)
- **Playing Strategy Games** (enhancing logical reasoning & teamwork skills)
- **Listen To music** (This is how to activate deep focus mode)
- **Reading Science Books** (expanding technical & life knowledge).