

# Duong Phu Dong

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(+84) 0777530401 • [LinkedIn](#) • [Gmail](#) • [Portfolio](#) • Ho Chi Minh, Vietnam

## Education

### RMIT University

Expected Graduate: April 2027

Bachelor of Engineering (Software Engineering)

**Relevant Coursework:** Data Structures & Algorithms, Web Development, Database Systems, Software Architecture, Introduction to AI, Full-stack Development.

## Experience

### [Lab68dev](#)

#### Start-up Creator

Ho Chi Minh, Vietnam

Nov 2025 – Current

- Architected an **enterprise-grade** developer workspace using **Next.js 16 (App Router)** and **TypeScript**, integrating project planning, documentation, and staff management into a unified platform.
- Engineered with a secure authentication system implementing **JWT** sessions, **bcrypt** hashing, and **TOTP-based 2FA**, ensuring compliance with modern security standards.
- Designed a scalable database schema on **Supabase (PostgreSQL)**, utilizing **Row-Level Security (RLS)** policies to enforce granular access control across different user roles (Owner, Admin, Editor).
- Built a real-time customer support module featuring live chat and ticket management, enabling instant communication between staff and users.

### RMIT NCT Club

#### Project Leader - Backend

Ho Chi Minh, Vietnam

Nov 2025 – Jan 2026

- **Architected and implemented** high-performance backend services using **Express.js (Node.js)** and **Supabase**, serving as the core infrastructure for the event management platform.
- **Designed scalable database schemas** in PostgreSQL, utilizing complex relationships and **Row-Level Security (RLS)** to ensure strict data isolation and privacy.
- **Engineered RESTful APIs** with robust error handling and validation pipelines, optimizing endpoints to handle high-concurrency event registration traffic.
- **Led the backend team** through the full SDLC, coordinating API integrations with frontend developers to ensure seamless data flow and UI responsiveness.

## Projects

Lab68dev Platform | [GitHub](#) | [Website](#)

#### Project Management

- **Open-Source Developer Workspace:** Built a comprehensive platform featuring project management, documentation, and staff portals using **App Router** and **Server Actions**.
- **Security Implementation:** Engineered an enterprise-grade auth system with **JWT**, **bcrypt**, and **TOTP 2FA**, secured by Postgres **Row-Level Security (RLS)**.
- **Syntax Cinema App:** Developed a responsive movie discovery web application using **Next.js** and **TypeScript**, focusing on high performance and scalability.
- **Tech Stack:** Implemented Server-Side Rendering (**SSR**) and Static Site Generation (**SSG**) to optimize load times and SEO.
- **UI/UX:** Designed a modern, interactive interface for browsing and searching content, ensuring full responsiveness across devices using CSS Modules.

- **Deployment:** Managed deployment and hosting via Vercel for continuous integration.

## **Skills & Interests**

### **Technical Skills**

- **Languages:** TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3, Java.
- **Frameworks & Libraries:** Next.js (App Router), React, Node.js, Express, Tailwind CSS.
- **Tools & Infrastructure:** Git/GitHub, Docker, Supabase (PostgreSQL), Vercel, GitHub Actions (CI/CD), Postman.
- **Concepts:** REST API Design, Microservices, Authentication (JWT/OAuth), Row-Level Security (RLS).

### **Languages**

- **Vietnamese:** Native
- **English:** Fluent

### **Certifications**

- [Enterprise Design Thinking Practitioner – IBM | 2025](#)
- [Frontend Developer \(React\) Certificate – Hackerrank | 2025](#)
- [Software Engineering Certificate – Hackerrank | 2025](#)