

Duong Phu Dong

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Professional Summary

Full-stack Developer and RMIT Software Engineering student with a track record of shipping production-grade applications. Expert in React.js, Next.js, Java Spring Boot, and PostgreSQL. Experienced in leading backend teams and architecting secure, enterprise-grade systems, including a #1 Product of the Day on Unikorn. Seeking a Software Engineering Internship to contribute to high-scale professional environments.

Education

RMIT University

Expected Graduate: April 2027

Bachelor of Engineering (Software Engineering)

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

Experience

Lab68dev | [Github](#)

Start-up Creator

Ho Chi Minh, Vietnam

Nov 2025 – Present

- Built an enterprise-grade open-source developer workspace using Next.js (App Router) and TypeScript, serving 30+ active users across project planning, documentation, and staff management modules.
- Engineered a secure passwordless authentication system using PostgreSQL Row-Level Security for granular access control
- Designed a scalable multi-tenant database schema on Supabase (PostgreSQL) to support growing team workloads and feature expansion.
- Managed CI/CD pipelines via GitHub Actions and deployment on Vercel, ensuring automated builds and zero-downtime releases.

RMIT NCT Club

Project Leader - Backend

Ho Chi Minh, Vietnam

Nov 2025 – Feb 2026

- Architected and implemented backend services using Express.js (Node.js) and Supabase, forming the core infrastructure for an event management platform serving 40+ club members.
- 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 a team of 3 backend developers through the full SDLC, coordinating API contracts with frontend developers to ensure seamless integration and UI responsiveness.

Projects

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

Next.js · TypeScript · Supabase · PostgreSQL · Vercel

Full-stack Developer

- Built a comprehensive open-source developer workspace featuring project management, documentation, and staff portals using Next.js App Router and Server Actions.
- Engineered a secure passwordless authentication system, backed by PostgreSQL Row-Level Security (RLS) to enforce role-based access control across Owner, Admin, and Editor roles.
- Implemented Server-Side Rendering (SSR) and Static Site Generation (SSG) strategies to optimize page load times

and improve SEO performance.

- Designed a fully responsive, modern UI using CSS Modules, ensuring consistent cross-device experience across mobile and desktop.
- Deployed and maintained the platform on Vercel with GitHub Actions CI/CD for automated builds and zero-downtime releases.

Lab68 CV Builder | [Unikorn](#) | [GitHub](#) | [Website](#)

Next.js · TypeScript · PostgreSQL · Gmail OAuth

Full-stack Developer

- Achieved #1 Product of the Day and #4 Product of the Week (17/02/2026) on Unikorn, demonstrating real-world user traction and product quality.
- Implemented passwordless Gmail OAuth authentication, prioritizing both security and user convenience for a growing user base.
- Crafted a distinctive monochrome visual identity with structured typography, delivering a minimalist and highly responsive user experience across all devices.

Skills & Interests

Technical Skills

- **Languages:** TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3, Java, Python.
- **Frameworks & Libraries:** Next.js (App Router), React, Node.js, Express, Tailwind CSS, Spring Boot.
- **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](#)