Quang Tu Nguyen

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EDUCATION

University of Technology Sydney   NSW, Sydney
Master of IT, Major in Enterprise Software Development   *Aug. 2025 – Present*

FPT University   Hanoi, Vietnam
Bachelor of Software Engineering — GPA: 8.1/10.0   *Jan. 2021 – Dec 2024*

EXPERIENCE

Frontend Developer   Dec. 2024 – July 2025
Globant   *Hanoi, Vietnam*
- Collaborated with a cross-continent **Agile team** (UK, India, Ukraine) to deliver high-quality web and mobile products on schedule.
- Developed cross-platform UIs using **ReactJS**, **React Native**, and **MUI**, integrating **Firebase** for authentication and real-time data flows.
- Refactored 200+ legacy **class-based React components** into modern patterns with **Redux Toolkit** and **React Router v6**.
- Enhanced product reliability through **Jest + React Testing Library** tests integrated with **GitLab CI/CD pipelines**.

Software Engineer   Aug. 2023 – Aug. 2024
Tinasoft   *Hanoi, Vietnam*
- Developed scalable **microservices** with **Java Spring Boot**, **gRPC**, and **PostgreSQL**, improving backend performance and maintainability.
- Implemented **event-driven architecture** using **Apache Kafka** and **Dockerized** services deployed on **AWS (EC2, ECS, S3)**.
- Built and documented **RESTful APIs** and **gRPC endpoints** with **Swagger/OpenAPI**; validated integration via **Rest Assured** tests.
- Delivered responsive **frontend modules** using **Next.js**, **TypeScript**, and **MUI**; automated delivery through **GitLab CI/CD**.

Programming Instructor   Jan. 2024 – Jan. 2025
MindX Technology School   *Hanoi, Vietnam*
- Taught **software development fundamentals** using **Scratch**, **Gamemaker Studio**, and **Web Development**, simplifying complex topics like **algorithms** and **debugging** into engaging lessons that improved students' comprehension scores by **25%**.
- Developed students' **problem-solving, communication, and technical documentation skills** through 50+ code reviews and collaborative learning sessions.

PROJECTS

Full-Stack Capstone Project (Leader) source   Nextjs — .NET — SQL Server
- Led **frontend and backend development**, designed architecture, implemented **APIs** and managed **SQL Server** database to deliver a fully functional, production-ready application with responsive UI.

Landing Page & KÉN Custom   Nextjs — Supabase
- Built live web apps: Youniverse Landing Page (link) and Kén Custom (link), using **Next.js** and **Supabase**, with interactive UI and responsive design to improve user engagement.

Spring Boot Microservices Learning Project source   Spring Boot — Docker — PostgreSQL
- Developed a **production-ready backend** using **Spring Boot**, **Kafka**, and **gRPC**, with **JWT authentication**, **PostgreSQL** database, and **Docker/AWS** deployment, demonstrating end-to-end microservice architecture.

TECHNICAL SKILLS

Languages: Java, Python, Javascript, Typescript, SQL, HTML/CSS, C/C#
Developer Tools: Git, Postman, Docker, AWS, LocalStack, Prisma, Supabase, Firebase, Azure, Jira
Libraries/Frameworks: Spring Boot, ReactJS, NextJS, React Native NodeJS, NestJS, PostgreSQL, SQLServer