

NGUYEN QUOC DUY

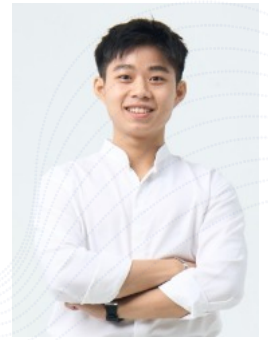
Frontend Developer

Phone +84 979 783 396

E-Mail duyaivy.dev@gmail.com

Github <https://github.com/duyaivy>

Linkedin <https://linkedin.com/in/duyaivy>



Overview

Frontend Developer Intern specializing in **React** and **TypeScript** with hands-on experience building responsive, user-focused web applications.

Successfully contributed to 3 major projects across different roles — including full-stack development, frontend engineering, project management and business analyst.

Skilled in modern frontend tooling (TailwindCSS, ShadcnUI, Docker, AWS) and committed to delivering clean, maintainable, and performant code for real-world products.

Education

09/2023 – Now

Danang University of Science and Technology

Faculty: Information Technology

Major: Software Engineering

GPA: **3.8 / 4.0**

Skills

- *Web Frontend**
 - **Core Technologies (1+ year):** Proficient in **HTML5**, **CSS3**, and modern JavaScript (**ES6+**, **TypeScript**) with a solid grasp of responsive design, Flexbox, Grid, and accessibility best practices.
 - **React Ecosystem (6+ months):** Experienced in developing component-based applications using **React Hooks**, **Context API**, **React Router**, and **state management**; familiar with TanStack Query, Zod, Vite, TailwindCSS, and ShadcnUI.
 - **Performance & SEO:** Skilled in optimizing web performance via code splitting, lazy loading, and image optimization; familiar with semantic HTML, meta tags, and **Core Web Vitals** for **95+** Lighthouse scores.
 - **UI/UX Implementation:** Adept at translating **Figma** designs into pixel-perfect, responsive interfaces with smooth animations (**Framer Motion**) and consistent design systems.
- Additional Technical Skills**
 - **Backend & APIs:** experienced with **Node.js (Express)** for building **RESTful APIs** and **CRUD** operations; familiar with MongoDB and MySQL, PostgreSQL for data persistence, proficient with **Postman** and **Swagger** for API testing.
 - **Cloud & DevOps:** hands-on experience deploying applications using **Docker**, **Nginx** and cloud platforms (**AWS EC2/S3**, **Render**, **Vercel**); familiar with **PM2** process management and **Ubuntu Server** via SSH.
 - **Development Tools:** Git for version control, VS Code, Figma for design collaboration; experienced with **Agile/Scrum** methodology.
- Soft skills** Teamwork, Problem Solving, Research Skills, and Basic English Communication (able to read and understand technical documents).

ShortLink Tool - Personal Project

(09/2025 - 10/2025)

Descriptions	A full-stack URL shortening service with advanced features including QR code generation, password protection, and link expiration. Built to handle 200+ shortened links with optimized performance and user experience.
Number of members	1
Position	Full-Stack Developer
Key Achievements	<ul style="list-style-type: none"> Architected and deployed production-ready app serving 200+ active URLs with 95% uptime Implemented secure authentication using JWT + OAuth2 (Google login) Optimized React app to achieve 95+ Lighthouse performance score through code splitting and lazy loading. Built QR code scanner with 95% scan success rate using Html5Qrcode library. Reduced API response time by 30% through MongoDB indexing and caching strategies.
Technologies	<ul style="list-style-type: none"> Frontend: ReactJS, TypeScript, TailwindCSS, ShadcnUI, Html5Qrcode, React Router, TanStack, i18next, Zod, React Helmet, Framer Motion. Backend: NodeJS (ExpressJS), RESTful API, JWT Authentication, OAuth2, MongoDB, AWS S3, Google reCAPTCHA, AWS EC2, Nginx, PM2.
Demo	<ul style="list-style-type: none"> Github: https://url.gdsc.dev/shortlink-frontend https://url.gdsc.dev/shortlink-backend Live: https://shortlinkz.online

Domicare - Project-Based Learning

(03/2025 - 07/2025)

Descriptions	A comprehensive service booking platform for cleaning and maintenance services across homes, schools, hospitals, and industrial facilities. Led a 3-person team to deliver a production-ready application with role-based access control and payment integration.
Number of members	3 (Frontend, Backend, UX/UI Design)
Position	Project Manager & Front-End Developer
Key Achievements	<ul style="list-style-type: none"> Led a 3-person team through a 5-month Scrum cycle, delivering the project on schedule. Built responsive frontend achieving 85+ Lighthouse score, with optimized performance and accessibility. Integrated VNPay payment gateway and secure deposit handling. Developed role-based dashboards and a full admin CRUD panel for service management.
Technologies	<ul style="list-style-type: none"> Frontend: ReactJS, TypeScript, TailwindCSS, ShadcnUI, React Router, Axios, React Helmet, Vite SSR,.. Deployment: Docker, Render. Architecture: Component-based design, RESTful integration, role-based access.
Demo	<ul style="list-style-type: none"> Github: https://url.gdsc.dev/domicare-FE https://url.gdsc.dev/domicare-BE Live: https://domicare.duyaivy.id.vn

CareHelper - Competition Project – Join GDSC Solution Challenge 2024

(11/2023 - 05/2024)

Descriptions	A cross-platform healthcare solution that enhances long-term care coordination between private clinic doctors and hypertension patients through digital health management and continuous monitoring.
Number of members	9 (Web, Mobile, UX/UI, Business Analyst)
Position	Project Manager & Business Analyst
Key Achievements	<ul style="list-style-type: none">• Led a 9-member cross-functional team through a 6-month development cycle using Scrum methodology.• Defined project scope, user stories (10+), and workflows across web and mobile platforms.• Collaborated with UI/UX and development teams to ensure feature alignment and consistent user experience.• Managed timeline, sprints, and deliverables, ensuring on-time completion for competition submission.• Conducted system analysis, feature validation, and prepared full documentation for final judging.
Key features	<ul style="list-style-type: none">• Patient medical record management (create, view, and update)• Doctor-patient relationship management• Appointment scheduling system• Digital prescription management• Medical survey form creation and management
Demo	<ul style="list-style-type: none">• Introduction: https://url.gdsc.dev/carehelper-demo• Github: https://url.gdsc.dev/carehelper

Awards & Certification

10/2025	Academic Encouragement Scholarship (Semester 2, 2024–2025). GPA 9.26/10.
09/2024	Google Developer Student Clubs (GDSC - DUT) – Core Team Member. Team: Event
09/2025	Google Developer Group On Campus (GDGoC - DUT) – Core Team Member. Team: Frontend Proof: https://url.gdsc.dev/duyaivy_certificate

Hobbies & Interests

- Outgoing and open-minded; enjoy connecting and collaborating with others.
- Passionate about exploring new technologies and improving front-end development skills.
- Enjoy gaming, browsing tech communities, and cooking in my free time.