

# Pham Thanh Duy

## Software Engineer

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### Career Objective

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Software Engineer with nearly one year of hands-on experience in building web applications, with a strong focus on Frontend development using React and TypeScript, with strong backend fundamentals. Seeking an opportunity to contribute to impactful products and continue growing toward a well-rounded full-stack role.

### Education

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University of Information Technology – VNU-HCM (UIT)

Sep 2021 – Jun 2025

- Major in Information Technology
- GPA: 3.57/4 (8.93/10) [Transcript]
- Awarded 4 Academic Excellence scholarships (2021–2024)

### Work Experience

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TMA Solutions

May 2025 – Present

*Frontend Developer Fresher*

- Contributed to two projects : **Gurru Bintracker** and **Calibre**, a sustainable and smart waste-management platform used by over 300 commercial office towers across Australia, New Zealand, and Singapore. Serving thousands of active users across both web and mobile platforms. [Gurru Website]
- Built new UI components and enhanced existing features using **ReactJS**, **TypeScript**, **Redux Toolkit**, **Zustand**, and **MUI**.
- Performed bug fixing and optimized rendering performance across multiple modules. Applied **Redux Toolkit Query** to implement efficient data fetching and caching solutions, reduced API call latency on website.
- Collaborated closely with the backend team to design and integrate **RESTful APIs**.
- Worked in an Agile Scrum environment and used **GitHub** and **Bitbucket** for version control.
- Gained foundational knowledge of Microsoft Azure, including authentication workflows, OAuth integration with **Azure AD**, and cloud deployment concepts with **Azure DevOps**, **Azure Blob Storage** and **Azure App Service**.

Zalopay - VNG Corporation

Dec 2024 – Mar 2025

*Software Development Intern - Financial Services*

- Contributed to two financial-services micro-apps : **Paylater** and **Installment** — within the micro-frontend architecture of ZaloPay, a leading e-wallet and digital payment platform in Vietnam with over 16 million users and a network of more than 52,000 partners and 81,000 payment acceptance points nationwide.
- Implemented responsive UI components using **React Native**, **ReactJS**, **Tailwind CSS**, **Ant Design**, **Redux**, **Zustand**, integrated backend APIs (both **RESTful** and **GraphQL**), and resolved critical frontend bugs under the guidance of the line manager.
- Participated in an **Agile Scrum** team, gaining practical experience in the product delivery lifecycle, collaborating via **GitLab**, and supporting multi-environment deployments using **Jenkins**.
- Contributed to projects leveraging **Micro Front-end architecture** and **Microservices** to improve scalability and modularity.

## Professional Skills

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- **Front-end:** HTML5, CSS3 (SCSS), Tailwind CSS, JavaScript, TypeScript, ReactJS (Next.js), React Router, React Native, Redux, Zustand, TanStack Query, RTK Query, TanStack Router, MUI, Ant Design, Responsive Design, SEO Optimization, Unit Testing (Jest).
- **Back-end:** Java Core, C++ , Node.js (Express), NestJS, Spring Boot basics, Socket.io, RESTful APIs, GraphQL (Apollo Client), MVC Architecture.
- **Databases:** SQL Server, MySQL, MongoDB.
- **DevOps & Architecture:** CI/CD (Jenkins), Docker (basic), Micro-frontend, Monorepo, Microservices exposure, Microsoft Azure basics
- **Version Control & Collaboration:** Git (GitHub, GitLab, Bitbucket), Agile Scrum, Jira, Confluence.
- **Software Engineering Foundations:** Data Structures & Algorithms, Object-Oriented Programming (OOP), SOLID principles, Design Patterns, Networking fundamentals.
- **Others:** AI coding assistants (CursorAI, Copilot) to enhance productivity.

## English

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- **TOEIC (Listening and Reading):** 835/990 Apr 2024
- **TOEICSW (Speaking and Writing):** 310/400 Sep 2024
- Proficient in reading technical documentation and communicating effectively in English within professional environments.

## Projects

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### Personal Portfolio Website Apr 2025 - May 2025

*ReactJS (Vite), TypeScript, Tailwind CSS, Zustand, Framer Motion, Formspree, Jest*

- Built a responsive personal portfolio with dark/light mode, animations, and SEO-friendly structure.
- Integrated third-party services (Formspree) for email message feature and implemented CI/CD deployment via GitHub Actions and Vercel.
- **Team size:** solo
- **Deployment:** duyphamdev.vercel.app

### Food and beverage selling website (Bep UIT) Jan 2024 - Mar 2024

*Next.js, TailwindCSS, MUI, Zustand, NestJS, MongoDB, Cloudinary, Socket.io*

- Developed key frontend pages: Home, Product Details, Cart, Blog platform, User Profile, Login/Signup.
- Implemented responsive design, SEO tags, and media optimization to enhance website performance, and bring the website to top one of google search.
- Worked with backend team to refine RESTful APIs and integrate real-time features using Socket.io.
- **Team size:** 5
- **Front-end repo:** Github    **Back-end repo:** Github    **Deployment:** bepuit.vercel.app

### Shoes selling mobile application (ShoeShop) Jan 2023 - Apr 2023

*React Native (Expo), Redux, NodeJS (Express), MongoDB*

- Built a mobile e-commerce application for a shoe store that allows users to browse products, search for their needed items, manage their carts, and complete payments.
- Designed and implemented UI and logic for many screens such as home screen, categories, product details, cart, login and sign-up.
- Implemented all essential APIs for the application and learned how to hash user's password and send confirmation emails.
- **Team size:** 2
- **Front-end repo:** Github    **Back-end repo:** Github