

# Tran Hoang Duy

## Web Developer

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With a passion for full-stack development, I am a developer capable of designing and developing end-to-end applications that provide an optimal user experience, I have worked confidently with **ReactJS/NextJS** for front-end development and **NodeJS** for back-end development. I commit to staying updated with the latest industry trends and continuously enhancing my skills

## Education

University of Economics Ho Chi Minh City

2021-2024

- Bachelor of Management Information Systems
- GPA: 3.84 (Current)

## Skills

**Programing languages:** Javascript, Typescript, Java

**Technologies/Frameworks:** HTML, CSS, ReactJS, NextJS, NodeJS, TailwindCSS, RestAPI, React Query, JWT , SEO, Redux, React Native, Express,...

**IDE/Tool:** Visual Studio Code, Postman, Github Desktop, Docker Desktop, MongoDB Compass, Figma

**Databases:** MongoDB, Firebase, MS SQL Server, MySQL

**Cloud Services:** AWS(EC2,S3), Vercel, Netlify

**Soft Skills:** Time management, Work in teams, Solve problems,...

## Certificates

Webdev Adventure 2023 (University of Information Technology)

2023

- Second Prize
- [Link Certificate](#)

Techconomy 2022 - The New Global Context (University of Economics Ho Chi Minh City)

2022

- Consolation prize
- [Link Certificate](#)

UEH Biztech Hackathon (University of Economics Ho Chi Minh City)

2022

- Top 15 finalists of the contest
- [Link Certificate](#)

## Languages

English

- Read and understand specialized documents and have the ability to communicate
- Certificate: **Toeic 810**

Vietnamese

- Native speaker

## Experience

MGi PropTech | Part-time | Contract | Frontend Developer

Jan 2023 - Jun 2023

- Responsibilities:
  - Build user interface and implement client-side functionality for real estate e-commerce site and management page for other departments to manage content and interact with customers
  - Create responsive and mobile friendly layouts for various screen sizes and devices.
  - Use version control systems Gitlab to manage and collaborate on code changes with other team members.

- Collaborate closely with backend developers and other team members to integrate frontend and backend components.
- Worked closely with the testing team to identify and address UI/UX issues promptly.
- Implement lazy loading and code splitting techniques to enhance performance
- Technologies used: ReactJs, NextjsJs, Typescript.

## Projects

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### Shopee Clone

*Feb 2023 - Mar 2023*

- **Description:** This is a project to clone the user page of the e-commerce platform Shopee
- **Team size:** 1 ( Personal self-study project)
- **Role:** Frontend
- **Link github:** [github.com/thduy2003/ShopeeClone](https://github.com/thduy2003/ShopeeClone)
- **Link deploy:** [shopee-clone-thduy.netlify.app](https://shopee-clone-thduy.netlify.app)
- **Account for testing:** duycute2003@gmail.com / duy23082003
- **Technologies used:** REST API, ReactJs, Typescript, Tailwindcss, React Router, React Hook Form, Yup, React Query, Vite, Vitest, Storybook, ESLint, Prettier, React Helmet
- **Functions include:**
  - Manage authentication with JWT (automatic token refresh applied).
  - Use the Yup and React Hook Form to validate the form.
  - Smart Pagination, Filter, and Product Search.
  - Incorporate state into the URL to easily share results across devices.
  - Asynchronous state management with React Query.
  - Code Splitting.
  - SEO with React Helmet.
  - Separate the private and public routes.
  - Unit Test.
  - Manage components with Storybook.
  - **Features:** Display cart, detailed products, perform purchase function, login, register, update profile, filter product...

*Aug 2023 - Sep 2023*

### Twitter API

- **Description:** This is a project to create API to implement features of Twitter
- **Team size:** 1 ( Personal self-study project)
- **Role:** Backend
- **Link github:** [github.com/thduy2003/Nodejs-typescript-TwitterAPI](https://github.com/thduy2003/Nodejs-typescript-TwitterAPI)
- **Link deploy swagger api docs:** <https://api-twitter-thduy-dev.onrender.com/api-docs/>
- **Account for testing:** duyaccphu2003+2@gmail.com / Duy2308@@
- **Technologies used:** Nodejs, Express, Typescript, MongoDB, Docker, Swagger, HLS Streaming, Socket, AWS (SES, S3), PM2 , ESLint, Prettier, JWT
- **Functions include:**
  - Validate and Sanitize by Express Validator.
  - Standardize return error handling.
  - Implement split routing between APIs and create middleware for input data.
  - Write a postman script that automatically saves the return results into environment variables.
  - MongoDB Schema Validation.
  - Upload images, video, HLS content to S3.
  - Send email by AWS SES.
  - Write document API by Swagger.
  - Docker Image CI, write Github Action automatically builds code, tests pushed code, ...

- **Description:** This is a project that helps people explore Vietnam's landmarks. It is the project that helped me win second prize in the Webdev Adventure 2023 competition
- **Team size:** 5 ( Project for the competition)
- **Role:** Frontend, Backend
- **Link github frontend:** [github.com/thduy2003/WDA-ET](https://github.com/thduy2003/WDA-ET)
- **Link deploy:** <https://viewander.netlify.app> (Please wait or reload the page because we are using a free hosting service for deployment, which takes some time to display the data.)
- **Account for testing:** duytestacc@gmail.com / 123123
- **Technologies used:** Nodejs, Express, Reactjs, Redux, Vite, TailwindCSS, Ant Design, MapQuest API, MongoDB, JWT
- **Link github backend:** [https://github.com/QUanLE79/VieWander\\_Backend](https://github.com/QUanLE79/VieWander_Backend)
- **Link folder report :** <http://bit.ly/report-viewander>
- **Responsibilities:**
  - ☆ Frontend:
    - Built UI for pages of the website and admin pages based on the design on figma.
    - Handled query parameters from the URL to display data correctly.
    - Developed reusable React components for various pages.
    - Implemented frontend API calls by writing functions corresponding to API endpoints.
    - Managed global state using Redux to handle complex application states.
    - Collaborated closely with cross-functional teams, including backend developers and UI/UX designers to discuss and design features for the website.
  - ☆ Backend:
    - Designed and implemented APIs for posting articles, retrieving article lists, and managing user interactions within the forum.
    - Implemented secure authentication.
    - Ensured consistency in API responses by standardizing data formats and structures.
- **Route for testing:** From Tra Vinh To Bac Lieu (Because the data is aggregated by us, it is currently not extensive enough, so we only have provinces from Southern Vietnam).
- **Features:** Search province, Suggest Route, View detailed provinces/landmarks, Rating and comment on a province/landmark, Login, Register, Make a post, Like/comment on a post, Save landmarks, Manage landmarks/provinces (Admin) , Follow user, Update profile,...