# Tran Minh Duc

Software Engineer

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## OBJECTIVE

I am a passionate software developer with 2 years of experience as a Front-end Developer and 1 year as a Full-stack Developer. My expertise lies in creating user-friendly, responsive, and efficient web applications using a wide range of technologies. I am particularly excited about leveraging my skills in both front-end and back-end development to solve complex problems and deliver impactful solutions. I am always eager to learn new technologies and improve my coding practices to stay ahead in the fast-evolving tech landscape.

## EDUCATION

**University of Transport and Communications**                                6/2020  -  6/2024

INFORMATION TECHNOLOGY

- Bachelor of Information Technology
- Degree classification: Very good

## WORK EXPERIENCE

**TECHVIFY**                                03/2024  -  now

Software developer

**Main job:**
- Contributed to the improvement of code quality
- Collaborated with a team to implement a new feature set for client
- Report process to PM
- Rebuild and optimize code base

**Achievement:**
- Provided a new clean code approach to save 60% time for development effort, and 80% better quality.
- Working in global environment to improve English skill in communication
- Complete the task on time following by Agile
- The product can run in a production environment and be delivered to the client.

**HYPERLOGY**                                03/2023  -  01/2024

Intern Software developer

**Main job:**
- Going onsite to the SMART Banking client
- Work closely with the product team on the scope of future projects and innovations.
- Report process to PM
- Fixing bug and creating new feature

**Achievement:**
- Gained proficiency in multiple programming languages
- Gained experience and mentorship from experienced developers.
- Working with Microservice Architecture
- Understanding work flow to develop a product completely

**CODEGYM**                                05/2022  -  01/2023

Teaching assistant

**Main job:**
- Support teaching activities for web development classes
- Building template project
- Monitoring the progress of learners.
- Helping student fix bug in practical lesson

**Achievement:**
- At least 60%-80% students passed the exams with my support in practice period.
- 10% in total students got highest score

## SKILLS

| PROGRAMING | Javascript, ReactJs, NodeJs, ExpressJs , NestJs, C# , .Net Core API |
|---|---|
| ENGLISH | read and verbal (**B1**) |

## PROJECTS

### Booking ticket

( 08/2024 - 01/2025 )

| Customer: | Japan |
|---|---|
| Description: | This project is a comprehensive ticket booking platform that allows users to reserve and purchase tickets for football matches, basketball games, concerts, and parking spots. The system is designed to provide a seamless and user-friendly experience for event organizers and attendees. |
| Team size: | 4 |
| Position: | Software Engineer |
| Responsible: | • Handle raw data from Excel to database<br>• Using background threads (Worker) in Javascript to optimize Map select seats<br>• Optimize code query in MySQL<br>• Create new feature and maintain code<br>• Report process to PM |
| Tech stack: | Angular 17, Express.js, MySQL |

### KECHO Project

( 02/2024 - 07/2024 )

| Customer: | Singapore |
|---|---|
| Description: | This project is a management system designed to efficiently handle teachers, students, and clusters center within an educational institution. It provides a centralized platform for administrators, teachers, and students to interact, manage schedules, and track progress. |
| Team size: | 5+ |
| Position: | Front-end Developer |
| Responsible: | • Rebuild and pptimize base component in front-end (Table, Chart, InputField,...)<br>• Deploy code front-end to UAT for testing<br>• Daily report process to Project Manager<br>• Create new feature following by document<br>• Fix bug and maintain code |

| Technology description: | React.js, MUI (Material-UI), Tailwind CSS, Next.js, PostgreSQL |
|---|---|

## Room reservation

( 02/2024 - 05/2024 )

| Customer: | Internal Techvify |
|---|---|
| Description: | This project is a room reservation system designed specifically for Techvify's internal use, allowing employees to book meeting rooms, workspaces efficiently. The system ensures smooth scheduling, prevents conflicts, and optimizes space utilization within the company. |
| Team size: | 5+ |
| Position: | Front-end Developer |
| Responsible: | • Developing base project for front-end<br>• Optimize code to cache data<br>• Building component to be reusable<br>• Build service GraphQL call api for Backend<br>• Daily report process to Project Manager<br>• Apply Azure to OAuth 2.0 login |
| Technology description: | ReactJs, Tanstack Query, MUI, Apollo |

## Website Project Process Management

( 09/2023 - 03/2024 )

| Customer: | University UTC |
|---|---|
| Description: | This project is a comprehensive management system designed to streamline the student thesis defense process, ensuring a structured workflow for students, advisors, and academic committees. The system facilitates submission, evaluation, and scheduling of thesis defenses while providing transparency and efficiency in the process. |
| Team size: | 2 |
| Position: | Software Engineer |
| Responsible: | • Survey of student thesis defense process in school to design business process<br>• Build code base for Back-end and Front-end<br>• Creating features from document<br>• Handle complicated logic automatically assign instructors to students, councils,...<br>• Design UI/UX for front-end<br>• Deploy source code to VPS<br>• Setup OpenXML to work with Excel, Word<br>• Setup code Firebase to send OTP SMS<br>• Using Hangfire for background Job to scan special schedule |
| Technology description: | ReactJs, Tailwind, MUI, .NET core api, MySQL |

## Banking

( 03/2023 - 01/2024 )

| Customer: | BaoViet Bank (BVB) |
|---|---|
| Description: | Developing eBanking System, it is a digital banking platform that enables users to access financial services online securely and efficiently. This system provides a seamless, 24/7 banking experience with features for account management, payments, transfers, loans, and investment services. |
| Team size: | 10+ |

| Position: | Intern software developer |
|---|---|
| Responsible: | • Daily report process to Project Manager<br>• Working with Microservice Architecture<br>• Develop UI friendly for front-end<br>• Manage Print service (bank statement, print banner,...)<br>• Handle ferature send notification to client realtime using Kafka<br>• Deploy to UAT for testing |
| Technology description: | ReactJs, .NET core API, Oracle |

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