

VO TUAN HUY

ReactJS Frontend Development

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SUMMARY STATEMENT

- Currently, a sophomore with 3.08 GPA with interest in the **ReactJS** and **.NET** tech stack. Willing to explore and learn new things, and then leverage that knowledge to create value for the organization.
- A person driven by curiosity, with a flexible approach that allows me to thrive in new environments and adapt quickly to changing situations.
- Intrigued by the technology world, I am particularly interested in becoming a **Database Specialist** or a **ReactJS Developer**.

SKILLS

- **Core concept:** Good foundation of Data Structure-Algorithms and OOP concepts.
- **Programming language:** Javascript, C/C++, C#, Dart, Flutter.
- **Web:** ReactJS, HTML5, CSS3, TailwindCSS, Bootstrap 5, SASS, BEM, Flowbite React, MUI, AntDesign.
- **Backend:** Be able to work with .NET Entity Framework Core, .NET API and understand rule of RESTful API design.
- **Design Pattern:** Having knowledge of Clean Architecture-CQRS-MediatR combination, SOLID and DRY principles.
- **Database:** Familiar with PostgreSQL, SQLServer, MongoDB, Redis.
- **Scripting:** Basic Unix & Bash skills.
- **Source code version and task control:** Git, Github, Bitbucket, Trello.
- **Testing method:** Having a conceptual grasp of Test-Driven Development Cycle, Unit Testing, and Integration Testing.
- **Language:** Highly proficient in English listening, speaking and reading.

WORK EXPERIENCE

Flutter Developer – Internship

Jul 2023 – Sep 2023

Derasoft, Ho Chi Minh City, Vietnam

Tech stack: Flutter (**Dio, Getx**)

- Studied and analyzed documentation on **Flutter's core concepts**.
- As a part of five-members team assigned by the head of mobile developer department, I participated in a project to enhance our understanding of Flutter.
- Developed a task manager app with implementation of **RestfulAPI** and **state management**.
- Gained a lot of soft skill experiences while attending an internship program at the company which helped me become better at **working in a team, communication skills** and **time management**.
- Learned how to work properly in a professional environment by **reporting tasks progress** to the mentor and understanding the **software development life cycle**.

PERSONAL PROJECTS

[Realworld Conduit](#). Develop a basic social blog environment leveraging the .NET API. The project primarily focus on building a secure and efficient system allow user to interact with other users and personal blogs.

- Design a simple database.
- Plan user actions within the domain and **API endpoints convention**.
- Decide the project architecture by applying **clean architecture with CQRS and MediatR** instead of MVC as a personal practice.
- Authenticate and authorize user using **JWT mechanism** including create, refresh and revoke token.
- Using **cache mechanism** to cache query results and reduce the load on the PostgreSQL database that speed up response times.
- Using Quartz.NET to schedule and manage **background jobs** that send reset-password emails to users. The purpose of using Quartz is just for practice. Alternative way is built-in IHostedServices.
- Add **localization** to support both Vietnamese and English languages that translating API response messages and ensuring that the correct language is used.

[React Trello Clone](#). Replicates the core functionalities of the Trello app, allowing users to create, edit, and manage task boards with ease. The primary purpose of this project is to build a dynamic, interactive user interface that mimics the experience of using Trello for task management and collaboration. The application features drag-and-drop functionality for tasks, list management, ensuring a seamless user experience.

- Enhanced responsiveness and interactive UI with **Ant Design**.
- Implement drag-and-drop functionality to manage tasks across different boards and lists using **React-Beautiful-DND**.
- **ContextAPI** for managing the application's global state, ensuring consistent data flow and UI updates across the app.
- **React-Hook-Form** to manage form state and validation efficiently, minimizing re-renders and optimizing performance.
- Schema validation, ensuring that form inputs meet the required criteria before submission with **Zod**.
- Live demo: <https://react-trello-v1.netlify.app/>

[React Quiz App](#). A quiz app with integrated dashboard functionalities, designed to provide a seamless user experience for taking quizzes, tracking performance, and managing user data. The application features a mock authentication mechanism, allowing users to log in without relying on an external API. Once logged in, users can view their profile information, access a leaderboard that ranks the top three performers, and explore their quiz history with detailed answer logs. The dashboard also includes pagination for easy navigation through quiz history, ensuring an organized and user-friendly interface.

- Using **React, MUI, Tailwind CSS, Vite** to build the application.
- Utilize **React Hook Form** to manage and validate forms efficiently within the application and do schema-based validation, ensuring accurate user input handling during form submission with **Zod**.
- Handling navigation between different pages, such as the login, quiz, and dashboard pages with **React Router**:
- Efficient managing global state, such as user information and authentication status, across the application with **Context API** and **Reducer Hook**.
- Live demo: <https://jazzy-malasada-7833c5.netlify.app/>

EDUCATION

Bachelor, Hoa Sen University

2023 - 2026

- Major: Software Engineering
- GPA: 3.08