Trong Duc Thai (Alex)

Melbourne, Vic

M: 0466660787

Trongducthai@gmail.com

Resident status: Australian Citizen

https://porfolio-alexthai.vercel.app

Career Objective

I am a passionate Full-Stack Software Engineer with expertise in developing both front-end and back-end applications. I specialise in enterprise software and optimizing the entire development cycle. With a positive attitude and a strong desire to learn new technologies, I can tackle challenging technical tasks with ease. My ability to quickly absorb new concepts and technologies and apply them to projects has been honed through my university education and various side projects.

Key Skills Summary

Programming languages: C#, JavaScript(TypeScript), HTML, CSS.

Operating systems: Windows Server, Linux.

Backend: MSSQL, MySQL, mongoDB, PHP, Node.js, ExpressJs,.Net

Frontend: React.JS, NextJs, HTML, CSS, SASS, Bootstrap, Tailwind.

Education & Experience

Junior Front-end Developer - Rotageek -Melbourne   Aug 2023 - Now

C# (.Net – Asp.net - .Net Core)   Jun 2023 – Aug 2023

    Udemy, Melbourne

NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)   May 2023 – Aug 2023

    Udemy, Melbourne

Diploma of Information Technology(Web development)   Jan 2023 – May 2023

    Monarch Institute, Melbourne

React – The Complete Guide (include Hooks, React Router, Redux)   Jul 2022 – Sep 2022

    Udemy, Melbourne

Certificate 4 in Web development   Feb 2022 – Jun 2022

    Holmesglen Institute, Melbourne, Australia

Personal Attributes

- Excellent brainstorming and analyzing skills, as proved when I worked as a mobile application developer (designing UI and applying technical skills to fulfil requirements).
- Great communication and working in a team as I have 2 years of experience as a supervisor in the hospitality industry.

Hobby

Running for fitness, Sudoku enthusiast, and avid puzzle solver.

Academic Projects

Jun 2023 – Sep 2023

Typescript Movie App

Frontend: https://github.com/tthai21/movie-app-typescript

Backend: https://github.com/tthai21/C--Movies-App-Api

Link: https://movie-app-typescript-tau.vercel.app

Objective: This project is a straightforward movie app built as a web application using React with TypeScript for the front end and .NET 7 for the back end, utilizing a Microsoft SQL database. The website provides users with the ability to create accounts and save their favorite movies and TV shows. The front end is deployed on Vercel, while the back end and database are hosted on the Azure cloud platform.

Tools: Microsoft SQL, .Net 7, React , Redux tool kit, React router…

Duties:

- Develop the front end of the movie app using React with TypeScript.
- Integrate API calls to fetch movie data from TMDB and display it on various pages.
- Build the back end using .NET 7, creating RESTful APIs.

Sep 2023

Card Match Game

Frontend: https://github.com/tthai21/card-match-game

Link: https://card-match-game-plum.vercel.app/

Objective: The objective of this project is to create an engaging card-matching game using React with TypeScript and Vite for the frontend. This game will involve a deck of 52 playing cards, where players need to find and match pairs of cards.

Tools: React typescript.

Duties:

- Develop a card-matching game that shuffles and displays a deck of 52 playing cards.
- Implement logic for picking two cards at a time and checking if they match.
- Implement the game logic to track picked cards, check for matches, and apply penalties when previous cards cannot be matched.
- Perform thorough testing of the game to identify and fix bugs or issues.
- Deploy the frontend game to a hosting platform of choice (e.g., Vercel, Netlify) to make it accessible online.

Aug 2023 – Sep 2023

Employees Management

Frontend: https://github.com/tthai21/employees-management

Backend: https://github.com/tthai21/C--employees-management

Link: https://emanagement-ivory.vercel.app/

Objective: This project Create a secure web application using React (TypeScript) and Vite for the frontend, complemented by a .NET Web API backend, all supported by an MSSQL database. Develop a robust user registration and login system with proper authentication and authorization mechanisms. Admin users will have full access to employee data, including viewing, updating, and deleting records. Deploy the React frontend to Vercel to ensure accessibility and scalability for end-users.

Tools: Microsoft SQL, .Net 7, React Typescript , Redux tool-kit, React router…

Duties:

- Develop the user interface (UI) using React and TypeScript.
- Implement user registration and login functionality.
- Deploy the frontend to Vercel or your chosen hosting platform.
- Create a .NET Web API to handle backend logic and data storage.
- Develop CRUD (Create, Read, Update, Delete) endpoints for employee data.
- Deploy the .NET Web API to Azure or your chosen cloud platform.