Si Thu Ko

WEB DEVELOPER

Profile

As a self-taught developer with a strong passion for web development and design, I bring a dynamic mix of technical and problem-solving skills from various personal projects. Eager to contribute, learn, and grow with a dynamic team. I am available for an interview in other cities and am willing to cover any associated travel expenses.

Personal Project Experience

E-COMMERCE WEBSITE - KMN TEXTILE, (MERN STACK)

Live Demo (Client) Live Demo (Admin) GitHub

- Incorporated authentication and authorisation using JSON Web Token (JWT) for user authentication and role-based access control for authorisation.
- Created Restful APIs with Node.js (Express) and MongoDB, and tested them with POSTMAN to ensure robust functionality and reliability.
- Designed and implemented Admin pages to perform CRUD operations visually for menu items.
- Integrated Stripe to process orders' payment.
- Utilised React to build reusable components and user interfaces.
- Employed Axios to make HTTP requests to interact with backend APIs, enabling seamless communication between the frontend and backend components.
- Implemented the StoreContext to share state and data between components.
- Applied CSS to style and design the layout of elements on the web page.

DIRECTORY WEBSITE - AUSSIE GAME HUB, (REACT)

Live Demo GitHub

- Developed a web application that serves as a comprehensive directory of popular games, as well as the game studios in Australia.
- Used React-router to create single-page application with multiple URLS.
- Fetched RAWG-API with async programming to access game related data.
- Implemented useSearchParams hook to dynamically update URL's query parameters, allowing users to filter displayed data based on various criteria.
- Used useParams hook to fetch only requested data from API and display them.
- Used useLocation hook to access the current URL and programmatically navigate to different routes based on certain conditions.
- Applied CSS to style and design the layout of elements on the web page.

Education

Bachelor of Electrical Engineering, University of Technology, Sydney (UTS), Sydney

MARCH 2011 — JUNE 2016

Advanced Diploma in Electrical Technology, Technical and Further Education (TAFE), Sydney

MARCH 2009 — NOVEMBER 2010

Details

Sydney
Australia
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Links

GitHub

Portfolio Website

Skills

React

MongoDB

JavaScript

TypeScript

Git / GitHub

HTML & CSS

Nodejs (Express)

Adaptability

Problem Solving

Creative Thinking

Ability to Work in a Team

Ability to Work Independently

Languages

English

Myanmar (Burmese)