David **Irvine**

WEB DEVELOPER

✉ david.irvineakamarv@gmail.com | ⌂ davidirvine-tw.github.io/portfolio/ | ⬚ DavidIrvine-TW | in davidirvinewebdev

"The obstacle is the way."

Skills and Competencies

HTML5 · CSS · Javascript · React · NextJS · Shopify Liquid · Firebase · MongoDB · Git · Figma · SASS · Tailwind · NodeJS · Redux

Projects

Vapester - Online Store

LEAD DEVELOPER

- Created a customizable e-commerce web solution template with vanilla HTML, CSS and JS; full backend managed by the Shopify CMS.
- Utilized Shopify 2.0 JSON templates to incorporate Shopify's 'sections everywhere' methodology to maximize customization options across all pages/sections for store owners.
- Implemented an AJAX API to enable seamless manipulation of cart data without requiring page reloads, enhancing the user experience.
- Deployed the SwiperJS library to manage all section carousels, contributing to a smooth and intuitive UI/UX.
- Optimized page elements to decrease loading times and meticulously debugged code to ensure seamless cross-browser compatibility.
- Incorporated the LeafletJS library to provide users with the ability to visualize the locations of all store outlets, enhancing user engagement and convenience.

Kanban - Agile Task Management App

LEAD DEVELOPER

- Developed from a Figma design file using React, Redux, and React DND (Drag and Drop).
- Utilized React DND library to enable drag-and-drop functionality, allowing users to reorder tasks in or between columns.
- Managed application state using Redux, ensuring a single source of truth for data and enabling efficient state management across components.
- Designed reusable React components for tasks, subtasks, and columns, promoting code reusability and maintainability.
- Implemented Redux actions and reducers to handle state updates triggered by user interactions.
- Utilized Firebase for user authentication and data storage, persisting board state and user-specific data for recall across sessions.
- Implemented full CRUD design features to maximize useability and provide an enhanced user experience.
- Styled using Tailwind CSS to create a visually appealing and responsive user interface.

TrailerView - Entertainment App

LEAD DEVELOPER

- Developed using Next.js framework, benefiting from server-side rendering, routing, and API routes for optimal performance and scalability.
- Leveraged the TMDb API to access comprehensive metadata and video content for movies and TV shows.
- Integrated Tailwind CSS for efficient and consistent styling, ensuring a visually appealing and responsive user interface.
- Implemented NextAuth for seamless authentication and user management, enabling secure sign-in.
- Integrated SwiperJS library to create dynamic and interactive section carousels, enhancing user engagement and navigation within the application.
- Integrated Toastify library to provide user-friendly and customizable toast notifications, enhancing user feedback and interaction within the application.
- Utilized MongoDB as the database solution for efficient storage and retrieval of user data, movie metadata, and application state.

Education

Nottingham University   *Nottingham, England, UK*

PGCE - POST GRADUATE CERTIFICATE OF EDUCATION   *Sept. 2018 - June. 2019*

- A one-year postgraduate qualification designed to equip individuals with the necessary skills and knowledge to become effective educators, leading to Qualified Teacher Status (QTS); a requirement to become a teacher within the UK education system without a BA in Ed.

Glasgow Caledonian University   *Glasgow, Scotland, UK*

BA(HONS) MEDIA ENGINEERING   *Sept. 2008 - June. 2012*

- Encompassed the interdisciplinary study of multimedia technologies, including audio, video, and interactive media, with a focus on their application in various industries such as broadcasting, telecommunications, and digital media production.