David **Irvine**

WEB DEVELOPER
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"The obstacle is the way."

Skills and Competencies

HTML5 · CSS · Javascript · React.js · Next.js · Shopify · Firebase · MongoDB · Git · Figma · SASS · Tailwind · Node.js · Redux

Experience

Vapester (E-commerce)

PERSONAL PROJECT

- Developed a custom e-commerce web solution from scratch, utilizing vanilla HTML, CSS, and JavaScript, with Shopify's CMS managing the backend.
- Utilized Shopify 2.0 JSON templates to incorporate Shopify's 'sections everywhere' methodology to maximize customization options across all pages/sections for store owners.
- Incorporated 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 debugged code to ensure seamless cross-browser compatibility.
- Included 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 Web App)

PERSONAL PROJECT

- Developed from a Figma design file using React.js.
- Applied React DND library to enable drag-and-drop functionality, allowing users to reorder tasks in or between columns.
- Managed application state using Redux, guaranteeing centralized data storage and enabling efficient state management across all 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.
- Engaged Firebase for user authentication and data storage, persisting board state and user-specific data for recall across sessions.
- Incorporated 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 Web App)

PERSONAL PROJECT

- 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 both aesthetics and adaptability were prioritized.
- Implemented NextAuth for seamless authentication and user management, enabling secure sign-in.
- Employed the SwiperJS library to craft interactive section carousels, elevating 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*

Glasgow Caledonian University   *Glasgow, Scotland, UK*

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