

# David Irvine

WEB DEVELOPER

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*"The obstacle is the way."*

## Skills and Competencies

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

## Experience

### Vapester: E-commerce Store

LEAD DEVELOPER (PERSONAL PROJECT)

- Created a customizable fullstack e-commerce web solution using vanilla HTML, CSS and JS; backend managed by Shopify's 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.
- 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 App

LEAD DEVELOPER (PERSONAL PROJECT)

- Developed from a Figma design file using React, Redux, and React DND (Drag and Drop).
- Applied 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.
- 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 App

LEAD DEVELOPER (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

PGCE - POST GRADUATE CERTIFICATE OF EDUCATION

Nottingham, England, UK

Sept. 2018 - June. 2019

### Glasgow Caledonian University

BA(HONS) MULTIMEDIA ENGINEERING

Glasgow, Scotland, UK

Sept. 2008 - June. 2012