Hector Altamira

hector.altamira1@gmail.com | eportfolio | (951) 249-1371

Experience

Frontend Developer Internship | Certificate   Nov 2024 - Current
Frontend Simplified

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions and carousels
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing
- Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment

Freelance Frontend Developer   Apr 2024 - Current
Self Employed

- Delivered 5 professional websites using HTML5, CSS3 (+ SCSS, BEM), JavaScript and React best practises
- Improved website performance by compressing, caching and lazy loading images and components
- Included SEO, responsive, multi-platform and hosting support, enabling their website to be used by any browser or device in the world

Frontend Developer BootCamp   Apr 2024 - Dec 2024
Frontend Simplified

- At the Front-End Simplified Bootcamp, I learned the foundational skills of front-end web development, focusing on HTML, CSS, and JavaScript. I covered topics such as website structure with HTML, styling elements with CSS, adding dynamic behavior with JavaScript, responsive design to adapt to different screen sizes, and best practices for clean and maintainable code.
- The course equipped me with the knowledge to build basic web pages and progress to more complex projects, using Promises and API requests.
- The more advanced concepts and technologies, included using the latest frameworks such as Next.js and Redux along with setting up a development environment using browser developer tools, and best practices for coding organization.

Projects

Treact Clone | Website | GitHub
Web Development Project: Landing Page Clone

- Objective: Successfully recreated a landing page from an existing website to demonstrate proficiency in web development.
- Key Achievements:
  - Asset Recreation: Duplicated original assets, ensuring visual fidelity and adherence to design specifications.
  - Animation Implementation: Integrated animations that replicate the original website's interactive elements, enhancing user engagement.
  - Dynamic Components: Developed and utilized dynamic components to ensure functionality mirrors the original site.
  - Responsive Design: Ensured the landing page is fully responsive, providing an optimal viewing experience across various devices and screen sizes.

This project showcases my ability to effectively translate design concepts into functional web applications while maintaining high standards of quality and user experience.

Library Clone | [Website](#) | [GitHub](#)
Web Development Project: E-commerce Website Library Clone

- Objective: Developed a comprehensive mockup for an E-commerce website named "Library" to showcase web development skills and design capabilities.
- Key Features:
  - Multi-Page Structure: Created a user-friendly multi-page layout that enhances navigation and user experience.
  - Dynamic Routing: Implemented dynamic routing to facilitate seamless transitions between pages, improving site usability.
  - Sorting Options: Integrated sorting features to allow users to efficiently browse and filter products based on their preferences.
  - Fully Functional Cart: Developed a fully operational shopping cart system, enabling users to add, remove, and manage items effortlessly.
  - Responsive Design: Ensured the website is fully responsive, providing a consistent and accessible shopping experience on all devices.

This project demonstrates my capability to design and implement a feature-rich E-commerce platform, combining technical skills in HTML, JavaScript, and CSS with a strong focus on user experience.

Ultraverse | [Website](#) | [GitHub](#)
Interactive User Interface Development: Ultraverse Internship Project
- Role: Transformed a static single-page application built with HTML, CSS, JavaScript, and React into an engaging interactive user interface.
- Key Contributions:
  - Enhanced Interactivity: Implemented animations, transitions, and carousels to create a dynamic user experience that captivates users.
  - API Integration: Processed API requests using Axios to dynamically fetch and display data from a cloud server, incorporating features like skeleton loading states, pagination, and dynamic routing for improved usability.
  - Version Control: Utilized Git for version control and collaborated effectively within a virtual team environment using the GitHub interface, ensuring smooth project management and code integration.

This project highlights my ability to elevate user interfaces through interactivity and responsiveness while demonstrating strong collaboration skills in a team setting.

Summarist | [Website](#) | [GitHub](#)
Book Library Application Development: Summarist Advanced Internship

- Role: Developed a comprehensive book library application as part of my advanced internship, utilizing Next.js 15, TypeScript, and Firebase to create a modern, responsive user interface.
- Key Technologies:
  - State Management: Implemented Redux for efficient state management, ensuring smooth data flow and user interactions.
  - Authentication & Data Management: Utilized Firebase for secure user authentication and real-time data updates, enhancing the app's reliability and user experience.
- Features:
  - Interactive Audio Player: Integrated an audio player to provide users with an engaging way to interact with book content.
  - Customizable Sidebar: Developed a customizable sidebar for improved navigation and user personalization.
  - Stripe Integration: Incorporated Stripe for seamless subscription payment processing, ensuring a secure and user-friendly payment experience.

This project showcases my ability to leverage modern web technologies to build feature-rich applications, emphasizing user experience and functionality in a collaborative development environment.

Education

Frontend Developer Bootcamp   **Mar 2024– Sep 2024**
Frontend Simplified

Technical Skills

Languages: HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | Typescript

Frameworks: React (+ hooks) | Next.js | Material-UI | Redux

Technology: NPM | Git | React dev tools | Firebase v9 |Firestore | GitHub