Aidan McAlister

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TECHNICAL SKILLS

TypeScript · JavaScript · React.js · RedwoodJS · GraphQL · Next.js · HTML5 · CSS · Tailwind · Git · Github · Python · Prisma · Auth0

EXPERIENCE

Inner Armor - *Front End (Contract)*   *July 2024 - Current*

● Designed a front-end admin dashboard using Observable Plot, Tailwind, NextUI, Remix, and TypeScript.

● Collaborated closely with 1 other backend developer to integrate front-end features with backend services, ensuring smooth data flow and functionality across the platform.

● Created data visualization features using Observable Plot, enhancing data interpretation and decision-making.

● Crafted over 10 interactive graphs to visualize data effectively, enabling users to check information across various periods.

● Built custom components using NextUI to enhance functionality and consistency across the admin dashboard.

● Applied TypeScript to enhance code reliability and maintainability through type safety and improved code quality.

Elevate Digital Io - *Full Stack (Contract)*   *Jan 2024 - Current*

● Spearheaded the development of an advanced filter system using RedwoodJS and Tailwind, significantly enhancing user search capabilities and overall application performance

● Engineered a suite of reusable components, substantially reducing code redundancy and accelerating development cycles while improving code maintainability

● Developed a robust CRUD system utilizing Prisma and GraphQL, optimizing database operations and enhancing query efficiency

● Facilitated a key role in adopting agile methodologies within the team, leveraging Slack, Linear, and GitHub to streamline project management and boost cross-functional collaboration

● Delivered tailored software solutions that addressed specific client needs, resulting in improved user experiences and increased client satisfaction

PROJECTS

WhatTodo - *https://github.com/aidankmcalister/WhatTodo*

● Architected a high-performance todo application using RedwoodJS and TailwindCSS, leveraging Vercel for seamless deployment and optimal uptime

● Integrated Auth0 for secure user authentication, implementing industry-standard security protocols to safeguard user data and prevent unauthorized access

● Designed an intuitive dark mode interface, enhancing user experience and accessibility across various lighting conditions

● Optimized database queries and deployed efficient caching strategies, significantly reducing load times and improving overall application responsiveness

GigStack - *https://github.com/aidankmcalister/GigStack*

● Created and launched a scalable musician platform using RedwoodJS, Tailwind, Prisma, and GraphQL, creating a robust foundation for future growth

● Engineered an advanced search and filter system, allowing musicians to find relevant gigs based on instruments and creation date efficiently

● Developed a responsive, mobile-first UI using Tailwind CSS, ensuring seamless user experience across desktop and mobile devices

● Implemented comprehensive CRUD functionality for gig posts, enabling efficient management and organization of musician opportunities

EDUCATION

Nucamp – Full Stack Development – *2023 - 2024*

● Completed an intensive Full Stack Development bootcamp, mastering modern web technologies including JavaScript, React, Python, and database management, while gaining hands-on experience in building scalable, responsive web applications.