

Adam Ridhwan

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EXPERIENCE

Full Stack Software Developer Intern

May 2023 - Oct 2023

Geaux Network (Start-up)

Boston, MA

- Led the development of Geaux Network's frontend and backend TV streaming service using Next.js, NextAuth.js, and Tailwind CSS, attracting over 3,000 users through its intuitive design, ensuring seamless engaging user experience.
- Conducted comprehensive code reviews for the team, emphasizing DRY principles and long-term maintainability, while offering constructive feedback for optimized coding solutions.
- Actively participated in weekly team meetings, providing constructive feedback, suggestions, and collaborating on project planning and execution to improve project efficiency and foster a culture of continuous learning and improvement.
- Led a team of full stack developer interns, organizing weekly meetings to review tasks, set objectives, and ensure timely milestone achievements.
- Used my expertise in React and TypeScript to mentor interns, providing them with hands-on guidance and foundational skills for modern web development.

PROJECTS

Geaux TV (Streaming app) | [Website](#) | [GitHub](#)

- Developed a comprehensive TV streaming platform emphasizing multicultural content, utilizing the capabilities of Next.js.
- Skillfully integrated server components for efficient data retrieval, coupled with client components to render a dynamic and interactive visual user interface.
- Implemented sophisticated authentication mechanisms using NextAuth.js, supporting both traditional email-password pairs and seamless Google authentication for user convenience.
- Enhanced the platform's aesthetic appeal by diligently styling it using the responsive and modular Tailwind CSS framework.
- Architected and managed a robust database infrastructure designed to meticulously store both channel information and user data, ensuring smooth streaming experiences with the use of MongoDB.

Pondero (Blog app) | [Website](#) | [GitHub](#)

- Leveraged cutting-edge technologies including Next.js, MongoDB, and TypeScript to design and implement a dynamic blogging platform.
- Seamlessly integrated NextAuth.js with OAuth providers, allowing users to securely authenticate using Google, GitHub, and Facebook credentials and maintain personalized profiles.
- Leveraged and optimized MongoDB as the primary database solution for backend data management ensuring efficient storage and swift query performance by only storing ID keys inside arrays, which minimized the space consumed in each document.
- Adopted best development practices to streamline updates, addressing bugs, and rolling out new functionalities without disturbing active users.
- Boosted SEO performance and achieved quicker page loads by leveraging Next.js for server-side content rendering.

Flair (E-commerce app) | [Website](#) | [GitHub](#)

- Developed an e-commerce application utilizing Next.js for server-side rendering and enhanced code reliability with TypeScript's rigorous type-checking, ensuring both performance and robustness.
- Styled components seamlessly using Tailwind CSS and managed content dynamically through Sanity as the headless CMS.
- Integrated server components to ensure rapid data loading, resulting in a smoother and more responsive user experience.
- Adopted a mobile-first design approach, ensuring a consistent and user-friendly experience across devices then extended the design to cater to desktop resolutions, ensuring wide accessibility and optimal display for users.
- Designed and implemented a seamless checkout process integrated with Stripe, facilitating secure and efficient transaction processing for users.

EDUCATION

Master of Science, Software Development

Sep 2021 - May 2023

Boston University

Boston, MA

- **Coursework:** Data Structures and Algorithms, Advanced Programming Techniques, Software Design and Patterns, Software Engineering, Web Application Development, Server Side Web Development, Database Implementation for Business.

Bachelor of Music, Music Business/Management - Marketing

Sep 2017 - Aug 2021

Berklee College of Music

Boston, MA

SKILLS

Frontend: React, Next.js, Angular, JavaScript, TypeScript, HTML, CSS, SCSS, Tailwind, NextAuth

Backend: Node.js, Express, Java, Python, MongoDB, PostgreSQL, MySQL, Firebase, Prisma