Adam Ridhwan

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EDUCATION

Master of Science, Software Development   Sep 2021 - May 2023
Boston University   *Boston, MA*

Bachelor of Music, Music Business   Sep 2017 - Aug 2021
Berklee College of Music   *Boston, MA*

WORK EXPERIENCE

Software Engineer, Approachable Geek   Dec 2023 - Mar 2024
- Actively participated in the development of six diverse applications, comprising four innovative mobile apps and two user-friendly web apps, utilizing Flutter.
- Worked effectively in small, agile teams of 3-4 developers, employing Agile methodologies to ensure flexible, iterative, and responsive project management throughout the software development lifecycle.
- Took on a comprehensive role in the app development process, starting from estimation of resources and timelines, through to the hands-on development of production apps.
- Conducted thorough testing using Test Driven Development to ensure quality and functionality, followed by diligent maintenance post-launch and emphasizing on robust and reliable applications, aiming to provide high-quality software solutions to users.
- Specialized in crafting user interfaces that match high-fidelity designs, demonstrating a strong commitment to visual detail and design accuracy, while applying best practices in UI design and user experience (UX) principles, focusing on enhancing user satisfaction and engagement, leading to intuitive and aesthetically pleasing app interfaces.
- Developed and integrated real-time update features in applications by utilizing streams with Firestore, a scalable and flexible database.
- Focused on optimizing app responsiveness, ensuring immediate and efficient data updates, which significantly improved user interaction and experience with the app.
- Wrote various backend functions using Firebase Functions, including cron jobs for scheduled tasks and triggers for document creation, update, and deletion, which were pivotal in enhancing app performance, as they efficiently offloaded processing to the cloud.

Software Engineer, Geaux Network   May 2023 - Nov 2023
- Led the development of Geaux Network's frontend and backend TV streaming service using React, Firebase, JavaScript and SCSS.
- Developed a multi-step form allowing users to select products they wished to purchase from TV channels and implemented a database to manage user preferences, enabling data retrieval for both internal use and streamlined employee workflows.
- Identified and resolved bugs without assigned tasks, contributing to enhanced site design and usability with a focus on UI/UX improvements to create an enjoyable user experience.
- Ensured timely delivery of project milestones by overseeing the team's progress and addressing any challenges that arose during development.
- Completed pair programming sessions to collaboratively address challenges, fostering a supportive and collaborative team environment.
- Experienced in Agile development methodologies, participating in sprint planning, daily stand-ups, and sprint reviews to ensure the timely delivery of high-quality software solutions.

PROJECT EXPERIENCE

Pondero (Blog app) | Website | GitHub
- Employed Next.js, React, TypeScript, Tailwind, MongoDB, and Zod to design and implement a dynamic blogging platform, showcasing proficiency in a modern tech stack.
- Designed and integrated features for users to like, save, delete, and comment on each blog, fostering a highly interactive and engaging platform.

Flair (Ecommerce app) | Website | GitHub
- Created an e-commerce application utilizing Next.js for server-side rendering and enhanced code reliability with TypeScript's type-checking, ensuring optimal performance.
- Strategized the design and implementation of an improved checkout process integrated with Stripe, facilitating secure and efficient transaction processing for users.

SKILLS

React, Next.js, TypeScript, MongoDB, CSS, Tailwind, PostgreSQL, MySQL, Firebase, Flutter, Dart, HTML, Prisma, Debugging, Data Structures, Angular, SCSS, NextAuth.