

# Adam Ridhwan

adamridhwan.1@gmail.com | 617-816-4892

[adamridhwan.com](https://adamridhwan.com) | [linkedin.com/in/adam-ridhwan](https://linkedin.com/in/adam-ridhwan) | [github.com/adam-ridhwan](https://github.com/adam-ridhwan)

## EXPERIENCE

---

**Software Engineer**, Approachable Geek - Lindon, UT Dec 2023 - Apr 2024

- Worked on multiple app development projects, contributing to timeline estimation, and both launch and post-launch maintenance phases.
- Applied technical skills in Flutter and Dart for front-end development, with back-end integration using Firebase Firestore, Firebase Authentication, Firebase Cloud Storage, and Firebase Cloud Functions.
- Created reusable and documented UI components such as tables, inputs and cards that match high-fidelity designs.
- Implemented a Test-Driven Development (TDD) approach throughout all development phases, which involved rigorously writing new tests, resolving bugs, and deploying updates.
- Implemented comprehensive testing protocols to meticulously assess all new functionalities, including the simulation of mock API calls using fake data before deploying to production.
- Implemented real-time update capabilities within applications, leveraging Firestore streams to achieve scalable and flexible database interactions.
- Wrote backend functions using Firebase Functions for scheduled triggers for document creation, update, and deletion.
- Implemented a backend cron function to create an automated PDF generation system, creating detailed invoices by retrieving data from a third-party API.
- Developed a search component using Algolia with infinite scrolling, dynamic loading skeletons and efficient result caching.

**Software Engineer**, Geaux Network - Miami, FL Apr 2023 - Nov 2023

- Worked on developing the company's frontend and backend TV streaming service using React, Firebase, JavaScript.
- Led the comprehensive redesign of the streaming platform, adopting modern UI/UX practices.
- 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 to enhance site design and usability with a focus on UI/UX improvements to create an enjoyable user experience.
- 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.

## SKILLS

---

**Programming Languages:** TypeScript, JavaScript, Dart, Java

**Frontend Technologies:** Next.js, React.js, Flutter, Tailwind, HTML, CSS, SCSS

**Backend Technologies:** Firebase, Node.js, PostgreSQL, MongoDB

**Testing Frameworks:** Cypress, Jest, flutter\_test

**Additional Tools:** AWS, Vercel, NextAuth.js, Redux, Zustand, Jotai, Zod

## PROJECTS

---

**Imdb Clone** | [Website](#) | [GitHub](#)

- Developed an extensive entertainment library featuring a diverse collection of movies and TV shows, with features such as dynamic image, modals, Next.js server components and server actions, with integrated dynamic content fetching from third party API, TMDB.

**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, with features for users to like, save, delete, and comment on each blog.

**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.

## EDUCATION

---

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

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