

# Aric Hylton

arich212@gmail.com | 405-905-1036 | arichylton.netlify.app | github.com/arichylton

## Education

**Full Sail University** – BS in Computer Science

November 2023

## Experience

**Software Engineer Intern**, 4Human Corporation – New York, New York

December 2023 – April 2024

- Developed the ecommerce product page using React components to handle dynamic product queries, increasing accessibility to product information, resulting in a more streamlined user experience
- Designed 5+ web page layouts on Figma based on modularity and scalability to reduce development time by up to 20%, ensuring sprint deadlines were made
- Built front-end components that optimized integration with Firebase storage and the Stripe API, by leveraging Next.js server components, which led to increased security in private data

## Projects

### Swiftshop

swiftshop-arichylton.netlify.app

- E-commerce capstone project hosted on Netlify that handles consumer data and authentication through Firebase
- Reduced load on server by 24% due to implementing Redux to cache project data to state instead of a database
- Integrated Stripe payment intents on the back-end, allowing users to securely process payments at checkout while decreasing development time by 2 weeks

### Playify

playify-app.herokuapp.com

- Created a React based web application that uses the Spotify API, allowing users to authenticate into their personal Spotify accounts and get over 10+ enhanced insights on their listening habits
- Implemented Web Playback SDK, requiring user session token to enable streaming and control playback state

### Power

power-app.netlify.app

- Developed a React based web application that is hosted on Netlify and uses Firebase to handle database events, logs users in through Google authentication, and optimized page navigation using React Router
- Refactored codebase with Vite to detect module imports in source files and then pre-bundling them to reduce page loading speeds by up to 1 second

### Saighead

store.steampowered.com/app/1576020/Saighead

- Published a C# application on Steam with 20+ systems in place to handle consumer data through the ES3 database, process consumer transactions in Steamworks, and manage assets within the Unity engine
- Built scalable assets for Unity scenes, resulting in a better project structure, and reducing development time by 35%

### Moviely

moviely-app.netlify.app

- Integrated The Movie Database API into this React web application to allow users to access data for 10,000+ movies that handles user queries through dynamic page routing
- Integrated user authentication by using The Movie Database auth token, reducing need for other 3rd party authentication methods, resulting in less project complexity and development time required

## Skills

**Languages:** TypeScript, JavaScript, Python, C#

**Technologies:** React, Next.js, Redux, Node.js, Express, TailwindCSS, HTML, CSS

**Databases:** SQL, Firebase, Vercel Postgres

**Other:** Project Management, Data Analysis, Debugging, Git, Jira, Vercel, Netlify, Heroku