Zachary Allen
Front-End Developer

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Education

Bachelor of Science in Computational Media | 2018 – 2021 | Georgia Institute of Technology
- Media & Interaction Design

Skills

Programming Languages: JavaScript, TypeScript, HTML/CSS, Java, Processing + p5.js

Tools & Frameworks: Git, Node.js, React, Next.js, Gatsby, Strapi CMS, Material UI, TailwindCSS, Bootstrap, Github Copilot, Jira, GrowthBook, Netlify

Database/Server-Side Technologies: GraphQL, Firebase, Google Cloud Platform

Design: Adobe Photoshop, Illustrator, Figma, Tableau

Experience

Rooms to Go | Frontend Developer | May 2022 - Present
- Owning, documenting, and driving development of new features and components for roomstogo.com
- Defining schemas to query product data from Apollo GraphQL server.
- Building functional TypeScript components for the RTG product pages Next.js microsite.
- Conducting technical interviews for prospective Front-End team hires.
- Translating Figma designs into high-quality, scalable code.
- Defining content types with Strapi and fetching data to render UI elements through the Strapi GraphQL API.
- Rewrote and upgraded the outdated Storybook UI component library for the RTG Design System, creating a demoable environment for RTG UI elements.

Incident IQ | Software Developer Intern | June 2021 – August 2021
- Updated .NET unit testing suite for existing IIQ website code base; created new xUnit tests for IIQ's new permissions system.
- Added functionality for retrieving support ticket data from the IIQ testing website.
- Created frontend component and added backend support for sub-ticket creation in the Incident IQ Angular mobile platform.
- Queried and modified data in IIQ test database with SQL Server Management Studio.

Motus Nova | Web Developer Intern | May 2020 – August 2020
- Created/redesigned several pages for the Motus Nova WordPress website, including the Home, About Us, Products, Media, Telehealth, and Technology pages.
- Designed UI and improved functionality of the Wifi Manager Electron app component of the Motus Home Software.
- Reworked UI of landing page and redesigned graph elements of the Motus Reports app made with Chart.js.

Projects

Sveltedex | March 2022
- A Pokemon encyclopedia modeled after the in-game Pokedex tool; created with Svelte as frontend framework and hosted with Firebase. https://sveltedex.web.app | https://github.com/ZacAllen/sveltedex-app

Numberle | February 2022
- A parody of the popular puzzle game Wordle, made in React and hosted with Netlify.
- https://numberle.netlify.app/ | https://github.com/ZacAllen/numberle