ZACHARY SALVAGGIO

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EDUCATION

University of Southern Mississippi (USM)

Bachelor of Science in Computer Science   May 2023
- Overall GPA: 3.65/4.00

PERSONAL PROJECTS

Sportly - Realtime Sport Application | [Live Demo](#) | [Source Code](#)
Nextjs, React, Typescript, Material UI, Tailwind

- Developed a sports application that offers users access to real-time scores, comprehensive team details, and in-depth game recaps, including a play-by-play feature
- Implemented with Nextjs (app router version) to take advantage of server-side page generation (SSG) and improved load times
- Incorporated Material UI and Tailwind to assist in creating the user interface and eliminating redundant CSS class names

Friendly - Social Media Application | [Live Demo](#) | [Source Code](#)
React, Redux, Javascript, Nodejs, MongoDB, JWT, Material UI

- Built a social media platform where users can share images, like posts, leave comments, and add new friends
- Configured a Redux store to handle global state management by creating slices, actions, async thunks, and selectors
- Created Amazon S3 bucket and connected to MongoDB database with Nodejs and Express to handle user image uploads and downloads

Readly - Bookstore Application | [Live Demo](#) | [Source Code](#)
React, Nodejs, Javascript, MongoDB, Heroku

- Developed a mock bookstore that allows users to view book information, save books to a reading list, add books to their cart, and view their order history.
- Created reusable components and hooks with React and utilized its state functionality to simplify developing all user interaction
- Engineered a REST API with Nodejs, MongoDB, and Express with CRUD operations to store user information and make available on front-end

TECHNICAL SKILLS

HTML | CSS | Javascript | Typescript | Python | C++ | Nextjs | React | Redux | Material UI | Tailwind | Nodejs | MongoDB | Express | JWT | Postman | Git | Netlify | Heroku | Railway | Vercel | RESTful APIs | Web Development | Responsive Web Design | Back End Developer | Front End Developer | React Developer | Nextjs Developer