

Zach Sykes | FullStack Developer

I am a software engineer with experience in both the tech and food service industries. My background in kitchen management has honed my problem-solving skills and ability to thrive in high-pressure environments. I am always looking for new challenges and am excited to bring my unique background to any team.

Skills

Languages - JavaScript, HTML, CSS, Python, SQL, Mongo, JSON, Typescript, EJS

Database - MongoDB, PostgreSQL, Sanity, Google Firestore | **Other** - RESTful Routing, JSON api

Libraries and Frameworks - React, React Native, Express.js, Next.js, Expo, Tailwind CSS, Django, Bootstrap, Flask

Interpersonal Skills - Highly collaborative, strategic problem solver, strong written and verbal communicator

Software Development Projects

[Melodious](#) - React, Next.js, Next Auth, Recoil, Tailwind.css

02/2023

Playlist building app utilizing Spotify API and OpenAI API

- Created a visually appealing and modern user interface using Tailwind.css, ensuring an optimal experience for all users.
- Implemented Next.js for efficient and streamlined user login, utilizing Next.auth and Next.middleware for a seamless and secure authentication process.
- Built a keyword and phrase input system that seamlessly integrates with the OpenAI API, returning relevant music suggestions from the Spotify API for users to preview and add to their personal playlists.
- Designed the app with in-depth knowledge of React, including the creation of custom React Hooks to enhance functionality and improve user experience.

[To Your Door](#) - React Native, Sanity, Tailwind.css, React Redux, Expo

01/2023

A reverse engineered case-study of a delivery app.

- Designed and developed a mobile-optimized user interface using React Native and Expo, ensuring a seamless and intuitive experience.
- Used Sanity.io to create a user-friendly database, enabling effortless data management by any team member.
- Implemented React Redux to develop a robust “cart” system that dynamically tracks the state of each item and updates in real-time to reflect any changes.

[ShoeString](#) - React, JSON, MongoDB, Express.js, node.js

01/2023

A digital guest book for planet earth.

- Developed and designed the UI through completion optimizing for cross-browser and multi-platform-compatibility with tailwind.css.
 - Collaborated with another developer to implement RESTful API calls to an Express, MongoDB, Node.js backend, enabling efficient handling of all CRUD operations.
 - Used Postman for thorough testing of all backend routes during development.
 - Utilized Mongoose to define clear and structured schemas for MongoDB collection, improving data organization and management.
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Professional Experience

Kitchen Manager / Head Chef - Asheville Pizza and Brewing Company | Asheville, NC

08/2016 - 10/2022

Line Cook - Asheville Pizza and Brewing Company | Asheville, NC

08/2011 - 08/2016

- Successfully led a team of 40 employees and maintained a high level of employee satisfaction and retention, achieving a 93% retention rate during a challenging period marked by the COVID-19 pandemic.
- Contributed to the strategic planning and implementation of a business model restructuring initiative, successfully navigating the challenges posed by the COVID-19 pandemic and ensuring the continued operation and success of the restaurant.
- Designed, developed, and implemented multiple Point-of-Sale systems, resulting in streamlined business operations and a 15% increase in profits for the restaurant.
- Crafted and implemented a comprehensive company-wide standards of practice and a back-of-house training manual, resulting in heightened consistency in food products and a more efficient and effective staff.

Education

General Assembly | Remote

10/2022 - 02/2023

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Asheville-Buncombe Technical Community College | Asheville, NC

Graduated 06/2020

Associate in Arts with High Honors

University of Delaware | Newark, DE

08/2008 - 05/2010

Earned 60 credits taking courses in Computer Science, C++, Calculus.