Asheville, NC | 919.475.6606 | [zsykes21@gmail.com](mailto:zsykes21@gmail.com)| [LinkedIn](https://www.linkedin.com/in/zach-sykes/) | [Github](https://github.com/Calathea-Z)| [zach-sykes.com](https://zach-sykes.com)

Zach Sykes| FullStack DeveloperA long, thin rectangle to divide sections of the document

I am a software engineer with experience in both the tech (specializing in React, React Native, Node.js) and food service industries. My background in kitchen management has honed my problem-solving skills and ability to thrive in high-pressure environments, which I apply to my work as a software developer. 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, Python

**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

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# **Software Development Projects**

[**Melodious**](https://github.com/Calathea-Z/Melodious) **-** React, Next.js, Next Auth, Recoil, Tailwind.css02/2023

*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**](https://github.com/Calathea-Z/To-Your-Door-Delivery-App-Case-Study-) **-** React Native, Sanity, Tailwind.css, React Redux, Expo01/2023

*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**](https://github.com/Calathea-Z/ShoeString) **-** React, JSON, MongoDB, Express.js, node.js01/2023

*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.

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# **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.