

Ozzie's Recipe App

Discover and Try out
Delicious Recipes



Introduction to Ozzie's Recipe App

App Purpose

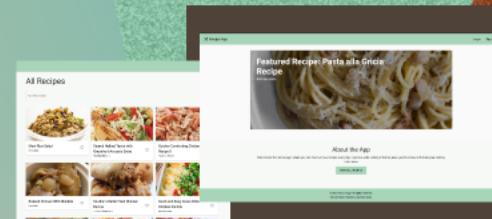
The primary aim of Ozzie's Recipe App is to serve as a central hub for newbie **cooking enthusiasts**, providing a platform to access a diverse range of recipes easily.



Key Features

Ozzie's Recipe App boasts features such as:

- Recipe Search
- User Authentication
- Favorites & Personalization



Dev Overview

What's underneath?

A cooking recipe web app that:

- Built with React, Node.js, and MongoDB
- Utilizes AWS Lambda for the backend API to fetch recipe data
- AWS CloudWatch Metrics for logging
- AWS Lambda Layer for memory optimization
- AWS Lambda Layer for deployment



Documentation



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All Recipes

Search recipes



Mexi-Rice Salad
Allrecipes



Seared Halibut Tacos with
Grapefruit-Avocado Salsa
Martha Stewart



Quicker Comforting Chicken
Recipe 5
Taste of Home



Braised Chicken With Shallots
Foodista



Southern Batter Fried Chicken
Recipe
cullyskitchen.com



Quick and Easy Green Chile
Chicken Enchilada
jocooks.com

✖ Recipe App

Login Sign Up

Featured Recipe: Pasta alla Gricia Recipe

Serious Eats



About the App

Welcome to the Recipe App, where you can discover new recipes every day! Explore a wide variety of dishes, save your favorites, and share your culinary adventures.

[VIEW ALL RECIPES](#)

© 2025 Recipe App. All rights reserved.
Built with React, Material-UI, and React Query.

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Dev Overview

What's underneath?

A cooking recipe web app that

- Built with React, TypeScript, and Material UI.
- Integrated with the Edamam API to fetch recipe data.
- Built with a Node.js Express backend (wrapped as Netlify Functions for deployment).



Documentation

Detailed README

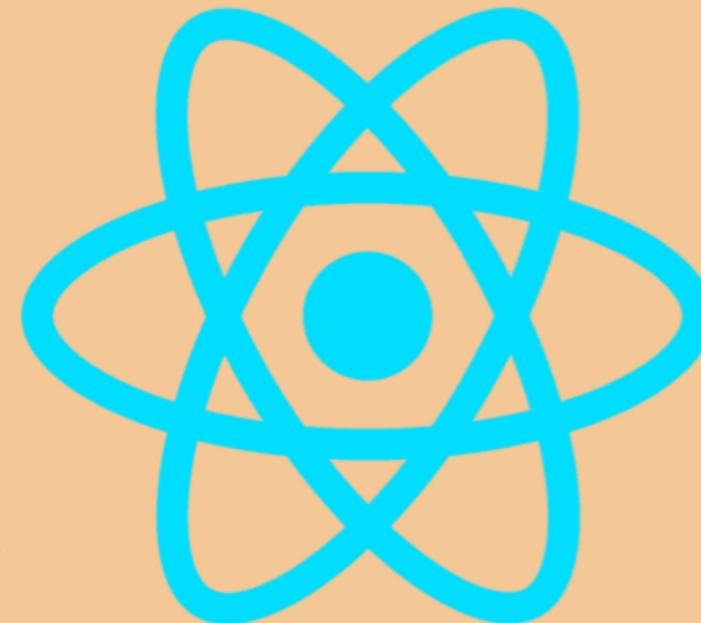
Frontend Architecture Diagram



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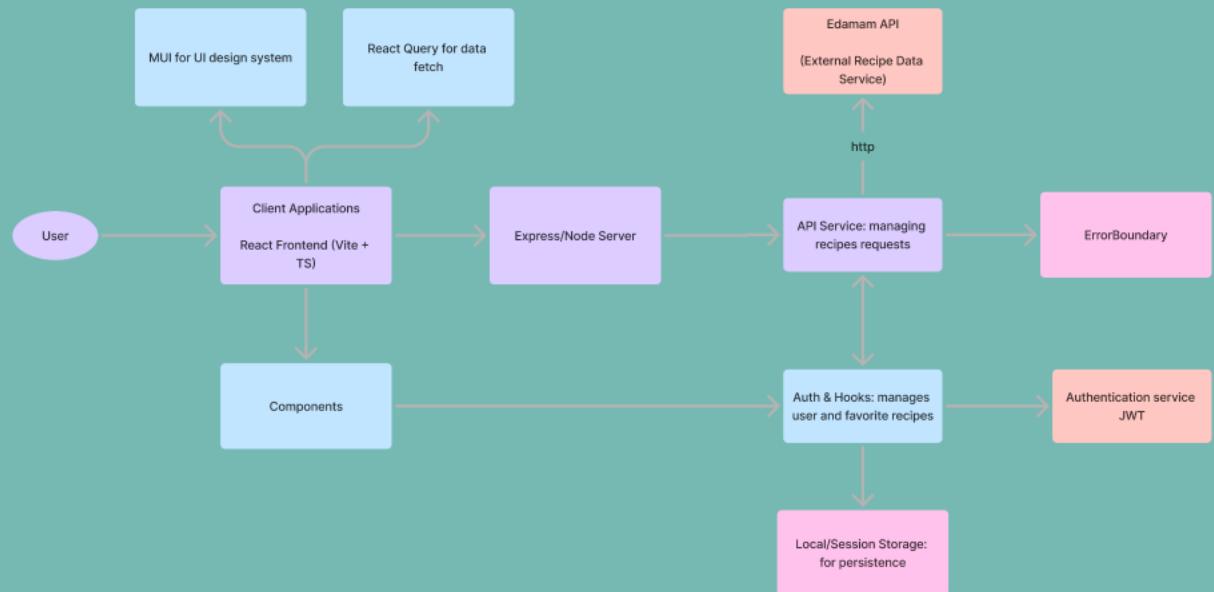


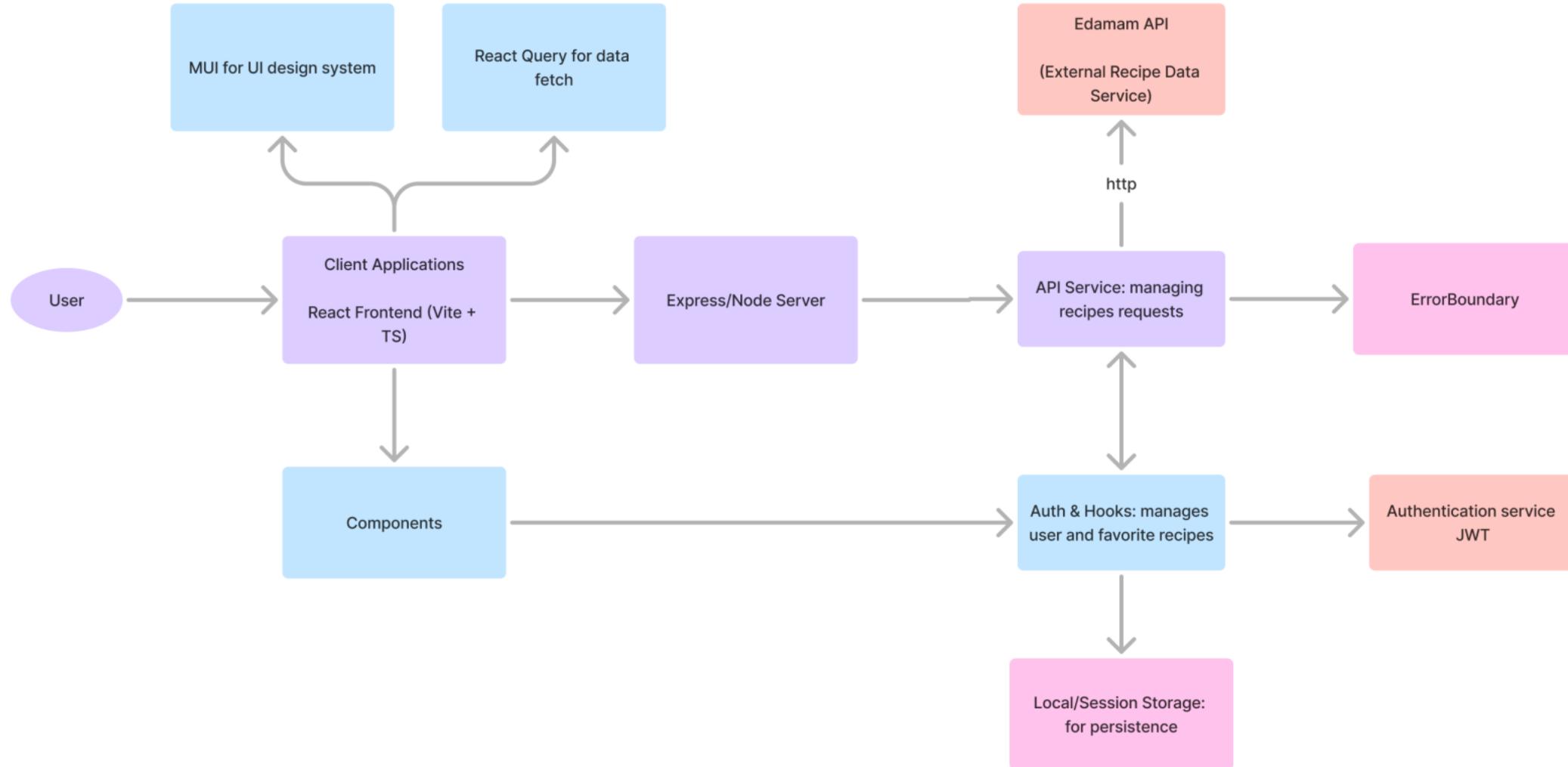
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+

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Code

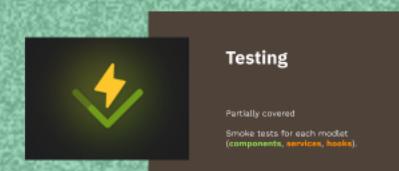
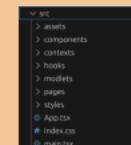


TypeScript

Codebase is written in TS.
ESLint and Prettier are
configured to enforce
consistent code style.

Modular Architecture

Organized into
components, hooks,
contexts, and services.



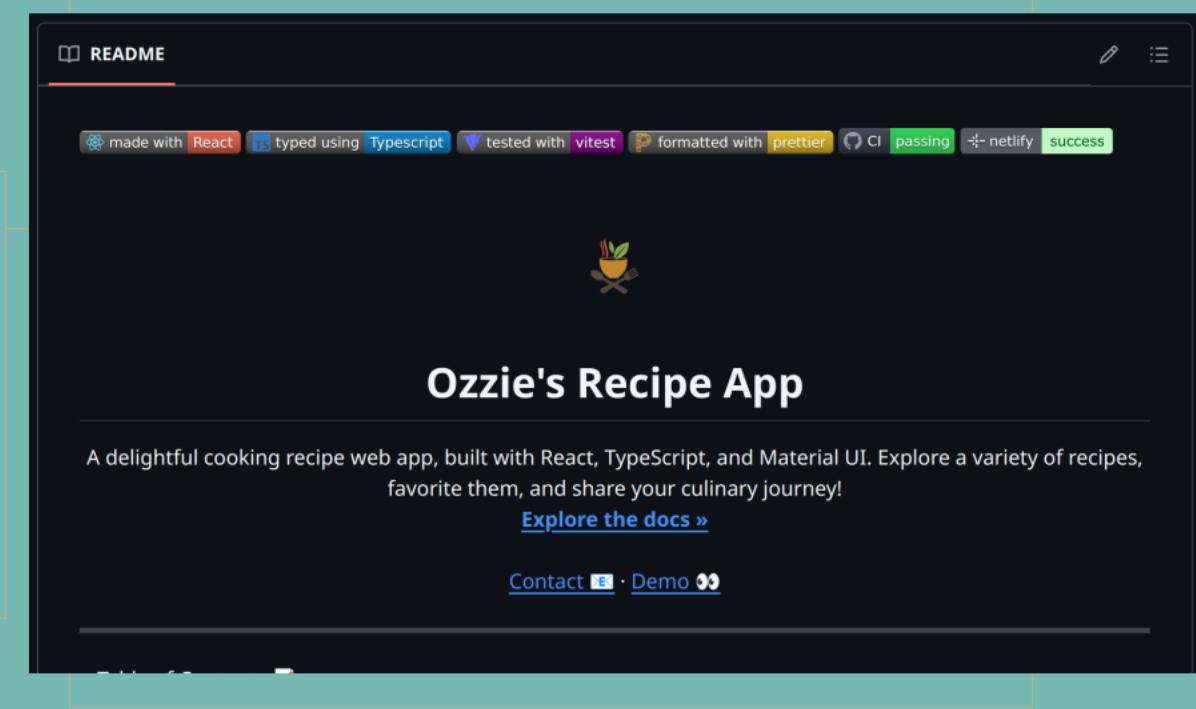
Testing

Partially covered
Smoke tests for each model
(components, services, hooks)

TypeScript

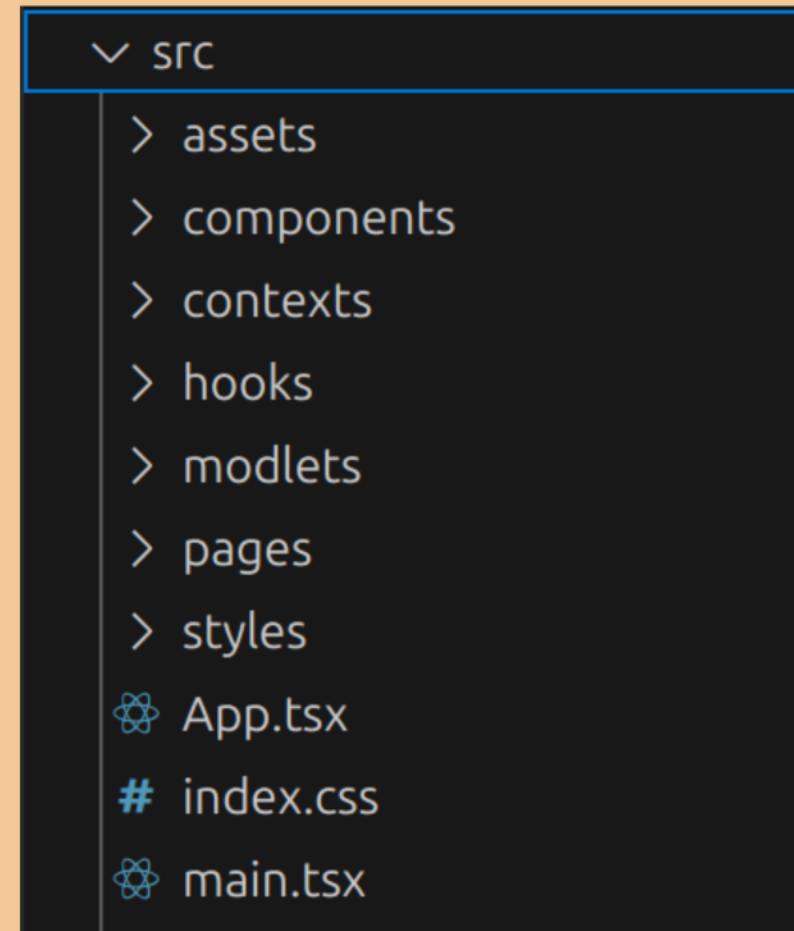
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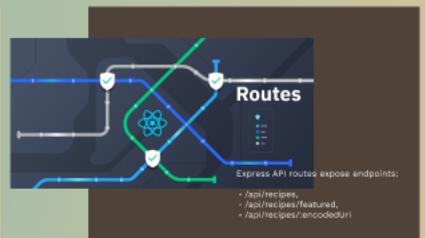
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Integration

Externals

- **Service:** Edamam API integrated for real recipe data.
- **Design System:** Material UI for a consistent and responsive UI.
- **Data Fetching:** Server-side data fetching via Express routes and Client-side data fetching with React Query, Suspense, and Error Boundaries.



CI/CD pipeline

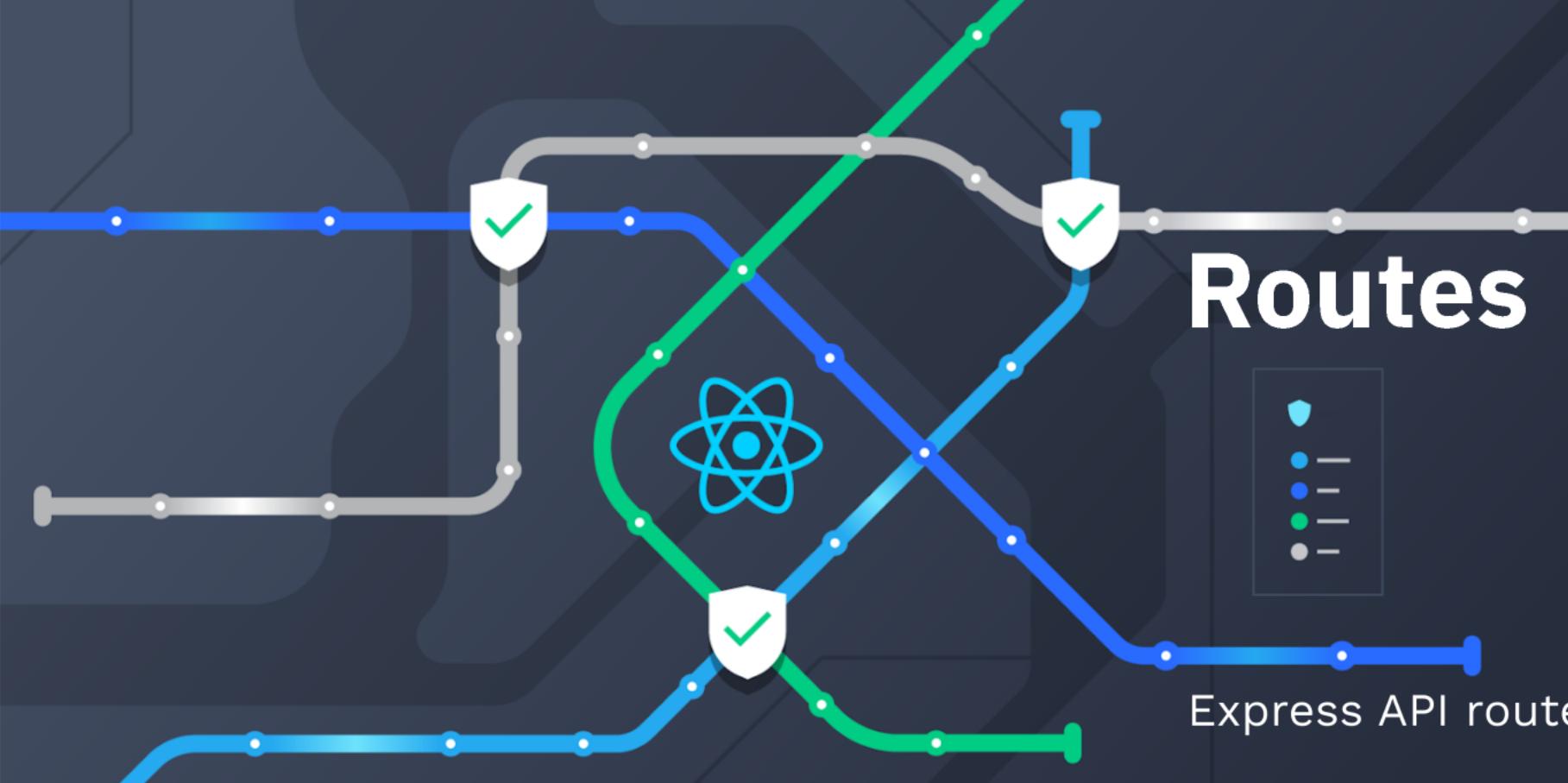
GitHub Actions workflow in `cl.yaml` to run linting, type-checking, and build commands.



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Routes

Express API routes expose endpoints:

- `/api/recipes`,
- `/api/recipes/featured`,
- `/api/recipes/:encodedUri`

CI/CD pipeline

GitHub Actions workflow in **ci.yml** to run linting, type-checking, and build commands.



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Future Enhancements

Upcoming Features

- Increase test coverage with integration and end-to-end tests
- Use libraries like [Redux Toolkit](#) or [Zustand](#) for more complex state needs



Expansion Plans

Ozzie's Recipe App plans to expand its user base, adding new categories and filtering options, adding recipes, rating and reviews.



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