

Kristian Lewis

Web Developer

<https://github.com/KristianELewis>

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PORTFOLIO PROJECT

Calorie Counter App — *HTML, CSS, Javascript, ReactJS, MaterialUI, ExpressJS, MySQL, AWS*

- The app is hosted at www.kristianlewis.com
- A ReactJS web app with MaterialUI for counting daily caloric intake.
- Users can sign in or signup. Passwords are stored in a hashed state using Bcrypt. JSON Web Tokens are used for authentication.
- Users choose a day from a date picker. Each day has four meals. Users can search a database for items to add to each meal. Users can also add new items to this database.
- Totals are displayed for each meal and for the daily total nutritional information. A graph is displayed along with the daily totals.
- The database is a MySQL database running on an AWS t3.micro.db RDS instance. The app is served using an ExpressJS server on an AWS t2.micro EC2 instance.
- The Database is filled with almost 400,000 entries collected from the USDA FoodData Central database.

EDUCATION

Binghamton University, Vestal NY — *B.S. Computer Science*

August 2017 - May 2021

VOLUNTEER WORK

Jolly Rovers Trail Crew, NY — *Crew Member*

May 2021 - PRESENT

The Jolly Rovers is a Hudson Valley based non-profit that creates sustainable access to iconic places. We build stone stairs in areas where the use of heavy machinery is impractical or impossible.

SKILLS

HTML

CSS

Javascript

ReactJS

NodeJS

SQL

MySQL

C++

AWS

Certifications

AWS Developer Associate -
February 27, 2023

**AWS Solutions Architect
Associate** - August 29, 2022

AWS Cloud Practitioner -
August 20, 2022