

VICTOR RAGOJOS

BIO I am a boring person that who enjoys learning and coding interesting things.

NOTABLE PROJECTS

SPOONFED V2 (W.I.P)

A rewrite of my SpoonFed application. The API Server is now written in **Go** for a more rigid type-safety feature. **Postgres** has replaced **Mongo** to allow for more advanced filter queries and to simplify integration with **GraphQL**. **Docker** has also been added for its ability to setup a consistent and portable development environment. Features like creations have been removed and more requested features such as recipe collections, recipe notes, and tags have been added. The web application has also been changed significantly as it is now written in **Typescript (w/ NextJS)**. **Apollo** has also been updated to version 3 which further improves its caching ability. An iOS App is also in the works which will be written in **Swift** and use **Apollo's iOS Client** library to allow for communication with the **GraphQL** API server.

OCTREE PALETTE

An iOS library that extracts a ColorTheme and a palette from an image by utilizing the **Octree Color Quantization Algorithm, Delta E (1976) formula**, and **WGAC 2 specifications**.

SPOONFED V1

A full stack application that allows users to store and share their favorite recipes. The web application uses **NextJS** for its ability to isomorphic render **React**. This allows the application to gain benefits from both **CSR (Client-side rendering)** and **SSR (Server-side rendering)**. The web application also uses **Apollo** for its caching ability as well as a **GraphQL** client. The API server is written in **NodeJS (express)** and uses **GraphQL (Apollo)**. **MongoDB** is used as a persistent datastore for the application and an **OIDC** client library to authorize users against **OIDC Provider**. **AWS S3** is also used to store images.

IDENTITY PROVIDER

Follows the **OAuth 2** and **OIDC** protocol. Handles future and contemporary projects. It utilizes Redis as a distributed cache to optimize token introspection requests as well as to reduce access to stale token data.

OFFSET PARTNERS: REACT COMPONENTS

A library that allows the dev team to slowly port complex components to React. This makes development much more efficient and the code to be significantly cleaner. One of the main features is the ability to mount components like jQuery plugins. **Webpack** is utilized to bundle the library up for NPM.

EXPERIENCE

PRODUCT ENGINEER, OFFSET PARTNERS, NAPA, CA

Dec 8, 2020 – Present

Led development team in upgrading e-commerce platform to a more modern framework and design. Refactored legacy **Php** code to integrate with **React** and a more **Ajax** heavy application. Helped introduce a proper **Version Control** workflow with the help of **GitHub** and **Docker**. Created a backward compatible **Component Library** in **React** by allowing for components to be mounted like **jQuery** plugins.

JUNIOR SOFTWARE DEVELOPER, OFFSET PARTNERS, NAPA, CA

Jul 7, 2019 – Dec 8, 2020

Manage, perfect, and modernize the e-commerce platform to enable clients to manage their businesses without any bottlenecks. Work with a team of designers to build beautiful sites that help close the gap between clients and their customers.

COMPUTER SCIENCE TUTOR, NAPA VALLEY COLLEGE, NAPA, CA

Aug 1, 2018 – May 21, 2019

Assisted classmates with various studying techniques for exams, projects, and assignments for both their Computer Science class as well as classes outside of it. Presented diverse ways to visualize, understand, and most importantly enjoy complex programming topics. Collaborated with professors to address teaching and assignment issues.
