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https://ragofjoes.dev

VICTOR RAGOJOS

BIO

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

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.

NOTABLE PROJECTS

PUZZLELY.IO

A web browser game inspired by the British game show "Only Connect". Users create a 16-word puzzle where every 4 words contain a connection. Players attempt to link 4 words together which may contain a connection, then, they will guess the linked word's connection. This uses **NextJS** with **Typescript** for the front-end. Authentication is offloaded via **OAuth2** to trusted providers such as **Discord**, **Google**, **GitHub**, and **Microsoft** with minimal scopes required, such as profile. The backend uses **Go** and **Postgres** for their simplicity, speed, and neat features like **Go**'s native support for concurrency and struct tags.

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

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.

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