

Koboh Kosaka

Software Engineer

Contact



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Technical Skills

Front End Javascript (ES5 & ES6), HTML5, CSS3, React, React Native, jQuery

Back End Node.js, Express, MySQL, MongoDB, PostgreSQL, RESTful API Development

Dev Tools Git, npm, Webpack, Babel, AWS EC2, AWS S3, Google Firebase

Testing Jest, New Relic

Education

Galvanize/ Hack Reactor, Los Angeles

Software Engineering Immersive, 2020

University of California, Irvine

BA in Economics, 2018

El Camino Community College

AA in Arts and Humanities, 2016

Interests



Applications

Nutrific

- Designed a user input form calculating BMI, BMR, calorie expenditure, simultaneously storing into Google Firebase Realtime Database for swift and safe user data storage.
- Implemented Firebase Authentication with email/password verification for convenient login.
- Utilized Redux, and Google Firebase for smooth user data transfer between pages.
- Styled application with React Native, CSS for an intuitive user interface.

Know It All Trivia

- Utilized React Native to create an Android/iOS trivia game
- Implemented a categories select page and persistent team creation page for continuous local play.

Web Scale System Design - Alo Yoga Mock

- Horizontally scaled service by deploying two servers and a round-robin load balancer (NGINX) to handle up to 1000 requests per second with a 0% error rate and 70ms average latency.
- Optimized database querying through indexing to run in <10ms for reduced latency in request responses.
- Built a program to generate 10M realistic products consisting of an image, type, description, then storing into a MongoDB database for agile and manageable product generation.

Front End Item Detail Mock - Glossier Mock

- Utilized React and Javascript to create a navigation bar for a seamless display of categories and it's products.
- Created a search tab with React, Node.js, Express, MySQL queries, for quick searching of products by letter.
- Built a program to generate 100 realistic products consisting of an image, type, description, then storing into a SQL database for quick and manageable product generation.
- Implemented a proxy server to stitch four modules together for a complete mock item detail page.
- Created RESTful API with Node and Express for scalability and maintainability.

Professional Experience

Food Safety and Security Manager

8/2018 - 1/2020

Maruzen of American, Inc. Dominguez Hills, CA

Seasonal Farm Guide

10/2016 - 10/2017

Tanaka Farms, Irvine, CA

Pharmacy Clerk

1/2016 - 9/2016

Meiji Pharmacy, Gardena, CA