

# Joseph Louie

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Portfolio: [josephlouie.tech](https://josephlouie.tech)

## TECHNOLOGIES

HTML, CSS, Javascript, Node.js, Ruby on Rails, Express, PostgreSQL, MongoDB, React.js, Redux, Git

## TECHNICAL PROJECTS

**Freemium** - [Github FrontEnd](#) | [Github BackEnd](#) | [Live Demo](#) Nov 2020

Freemium is a blog post site inspired by popular blog site Medium

- Implemented a comment system using **ReactJS**, **Redux**, **HTML**, **CSS**, **Bootstrap**, & **NodeJS** to allow 100s of user comments on an article
- Created follow system using **NodeJS**, **Typescript**, **HTML**, & **CSS** to support 1000s of followers
- Implemented a like system using **NodeJS**, **ReactJS**, **Typescript**, & **CSS**, to support 1000s of likes per article
- Utilized **Typescript** to build Freemium resulting in 80% fewer errors at runtime
- Decreased profile picture update process by 40% using **Amazon Web Services S3**

**WeBuy** - [Github FrontEnd](#) | [Github BackEnd](#) | [Live Demo](#) Feb 2020

E-commerce store allowing users to buy various goods

- Utilized **JSON Web Tokens** & **LocalStorage** to store encrypted user information client-side for persistent login.
- Employed **LocalStorage** as a cart to store items a user would want to purchase
- Utilized **SCSS**, **CSS Flexbox**, & **CSS Grid** to style and position elements on the page resulting in 60% higher click through rate
- Implemented user interface employing **ReactJS** & **Redux**
- Managed payments using **Stripe API** to checkout user products

**Pick and Chews** - [Github FrontEnd](#) | [Github BackEnd](#) | [Demo](#) May 2020

Social web app to help indecisive individuals find a place to eat

- Utilized **Yelp API** to provide users with restaurant information based on specified filters resulting in 80% less restaurant choices
- Decreased time spent deciding what to eat by 60% using **HTML**, **CSS**, **Javascript**, & **Ruby on Rails**
- Implemented dynamic UI using **Javascript** based on user actions
- Developed a **Ruby on Rails API** backend with user endpoints to perform user **CRUD** actions

**Expense Tracker** - [Github FrontEnd](#) | [Github BackEnd](#) | [Demo](#) Oct 2020

A personal expense tracker that tracks your monthly personal expenses

- Implemented a pie chart using **ChartJS** graphing library to help decrease spending by 50%
- Handled **authentication** and **authorization** by using **JSON Web Tokens** & **NodeJS**
- Utilized **Cypress** to perform automated testing resulting in 5% less errors in production
- Handled date filtering by using **ReactJS** & **MomentJS** allowing the user to view spending 20% more efficiently

## EXPERIENCE

**Data Entry (Contract)** | **DDB** | **San Francisco, CA** Oct 2018

- Utilized Microsoft Excel by filtering rows of data to transfer files from a web server to a local storage system
- Aggregated financial data from microsoft word and exported it to microsoft excel

**Supervisor Assistant, City College of SF, San Francisco, CA** 05/2014 - 06/2016

- Handled communications with department chairs resulting in 10% faster response time
- Utilized Microsoft Word and Excel to organize files that were edited and were awaiting board approval

## EDUCATION

**Flatiron School** Oct 2019 - Feb 2020

Full Stack Software Engineering, Ruby on Rails and JavaScript program

**University of California, Davis, CA**

Bachelor of Arts, Economics

June 2019