

Kenny Cheng

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San Francisco Bay Area, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

JavaScript, React.js, Redux, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, HTML, CSS, Sass, Ruby, Ruby on Rails, Test-Driven Development (TDD), RSpec, Object Oriented Programming (OOP), jQuery, jBuilder, Webpack, Heroku, Amazon Web Services (AWS), Google Maps API

Projects

Paw-perty | *Dog-sitting reservation app, inspired by Air-BnB*

[live site](#) | [github](#)

JavaScript, React/Redux, Ruby on Rails, jQuery, Postgres/SQL, Git, Webpack, AWS, HTML, CSS, Sass

- Implemented CRUD operations through utilization of RESTful routes.
- Utilized Active Record polymorphic associations and extracted data from PostgreSQL to eliminate N+1 queries.
- Harnessed the unidirectional state management of Redux to facilitate data across multiple components..
- Employed React's single-page application form for creating and updating listings to generate a true single-page reactive experience.
- Integrated Rails Active Storage with Amazon Web Services (AWS) S3 to easily store and retrieve images.
- Leveraged Google Maps API with geolocation by parsing and implementing its response data on the frontend.

Code-Op | *Project collaboration and management application*

[live site](#) | [github](#)

JavaScript, React/Redux, MongoDB, Mongoose, Express/Node, HTML, CSS, AWS, Heroku, Webpack

- Constructed and organized Redux actions, reducers, and containers to increase scalability and maintainability.
- Parsed Axios API responses and stored data asynchronously for integration with user-interface.
- Facilitated agile development and sliced projects into smaller tasks to aid with a sleeker development cycle.
- Prevented unauthorized access to user data by utilizing JSON Web Token and Passport to verify user credentials.
- Linked collaborated projects to the user's account for more efficient project management.

Build-CHO-Plate | *Interactive game exploring carbohydrate counting for diabetic management*

[live site](#) | [github](#)

JavaScript, HTML, CSS, Sass, Git, Webpack

- Utilized vanilla JavaScript best practices to generate a true single-paged reactive web application.
- Produced a plate-building interface centered around user experience to increase engagement.
- Engineered multiple levels using Object Oriented Programming to aid in completing learning objectives.
- Structured DOM efficiently to decrease page rendering time.

Experience

English Teacher | International Language Academy | Ho Chi Minh City, Vietnam

December 2018 - January 2020

- Developed and taught English as a Second Language to groups of 50+ students, ages 3-16 years.
- Incorporated visual, linguistic, and kinesthetic learning styles, improving student test performance by 20%.
- Implemented Student-Centered lesson methodology securing a 100% student pass-rate and maintaining a 90%+ retention rate for three consecutive quarters.

Dietetic Technician | Santa Clara Valley Medical Center | Santa Clara, CA

December 2015 - February 2018

- Monitored patient's nutritional status using diet software (CBORD) and electronic health record system (EPIC)
- Consulted with cross-functional teams to assess nutrition consultations to meet departmental deadlines
- Administered clinical and technical training to Dietetic Assistants regarding currently implemented therapeutic diets to reduce production errors and increase patient satisfaction by 30%.

Education

App Academy | Software Engineering: Emphasis on Full Stack Web Development

University of California, Davis | Bachelors of Science: Clinical Nutrition