

# Khoa Nguyen

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Santa Ana, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## Skills

JavaScript, React, Redux, C++, Java, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

## Projects

**Tiamat** (HTML5, JavaScript, CSS3, Webpack)

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

*Turn-based, team building RPG. Battle your way through different encounters and strengthen your companions to defeat the mighty dragon, Tiamat.*

- Leveraged O.O.P. principles to create classes for different characters with different abilities, thus providing more depths and diversifying impactful choices.
- Leveraged the DOM's onclick event listeners to dictate the course of the game by circling through different game stages depending on the attack/ability chosen.
- Create a single game object that houses all current game information in order to pass along to the needed classes in order to reduce unnecessary data.

**Etchy** (JavaScript, React / Redux, Ruby on Rails, postgresSQL, CSS3, AWS, Heroku, Webpack)

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

*Etchy (inspired by Etsy), an online shopping website of new and artistic items for sale.*

- Utilized PostgreSQL relational database to store all information.
- Leveraged Ruby on Rails associations and Amazon Web Service (AWS) to store and assign images to products, for easy and robust remote storage of data and smooth browsing experience.
- Utilized mapStateToProps to pass necessary state slices from redux store to component to reduce AJAX calls.
- Implemented check-out feature that can add/delete items from the current user's cart as well as persisting even when the user logs out.
- Implemented search functionality that takes the user's input and passes it to the back-end through an ajax call thus filtering and returning the relevant information.

**Vodkabulary** (JavaScript, CSS3, Webpack, Mongoose, MongoDB, Node.js, Heroku)

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

*Vodkabulary is a social platform for users to create, edit, share, rate and favorite the wide variety of drink combinations.*

- Created a flexible seed file that allows other developers to easily add seeds to the appropriate resource, leading to a richer user experience.
- Stored uploaded images on Amazon Web Services S3 (AWS) using the AWS, and Multer Node packages to ensure a robust photo uploading experience.
- Built a secure user authentication system, utilizing Bcrypt to hash and salt passwords, strengthening protection of user data.
- Utilized Github to assign tasks and ensure work quality and completion promptly.

## Experience

**Store Clerk** | 2017 - 2020 | Irvine, CA

85C Bakery and Mitsuwa Marketplace

- Accelerated customer check-out process to increase sales and customer satisfaction, resulting in a 5-star review on Yelp and 95%+ evaluation score.
- Applied knowledge of Vietnamese and Japanese to interact with 100 customers to increase order accuracy and customer engagement.

## Education

**App Academy** | Spring 2021 | San Francisco, CA

Immersive 1000-hrs software development course with focus on full stack web development.