

# Kevin Le

t: 510.303.2996   e: [KevinLe.developer@gmail.com](mailto:KevinLe.developer@gmail.com)   San Francisco, CA   [Portfolio](#)   [Linkedin](#)   [GitHub](#)

## Skills

React, Redux, JavaScript, Node, Ruby on Rails, Python, PostgreSQL, Mongoose, MongoDB, Heroku, MATLAB, HTML, CSS

## Projects

**Stack Overclone** | React, Redux, Javascript, Ruby on Rails, PostgreSQL, Heroku, HTML, CSS

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

*Full stack clone of the popular Q&A site for programmers Stack Overflow - built with React/Redux and Rails*

- Created a site in 2 weeks that allows users to posts questions/answers, upvote, and search for questions/answers
- Designed complete backend architecture including user authentication, Rails routes, controllers, PostgreSQL database, RESTful API and endpoints, allowing for full CRUD action for the website questions, answers, and votes
- Leveraged a polymorphic association between votes and questions/answers, to reduce PostgreSQL database tables by 20% for the database level, and heavily DRYing up backend code for the Rails models and controllers
- Optimized the Redux state to only contain the right amount of data needed for React components, leaving no excess data queried and stored on the frontend, resulting in decreased load times for the frontend

**NFT Explorer** | Javascript, Moralis Blockchain API, Webpack, HTML, CSS

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

*Non-Fungible Token (NFT) collections curated and ranked by rarity using mathematical wizardry - built with Vanilla JavaScript*

- Implemented the Moralis API to query NFT data from the Ethereum blockchain, and built a rarity scoring script that assigns rarity scores for each NFT based on a custom formula that I have created
- Utilized the built-in Moralis cloud database to store over 100,000 NFT image links, metadata, rarity scores and ranks, to keep the site running lightweight and performance optimized
- Designed an infinite scroll feature by querying for the next set of NFTs based on the data from the last NFT rendered on the page, allowing for a smooth and seamless user experience

**DevFocus** | React.js, Redux.js, Javascript, Mongoose, MongoDB, Express, NodeJS, HTML, CSS

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

*A MERN stack application for developers to organize their job search: track job apps, network, data structures & algorithms*

- Managed the development process for a full stack app with 3 engineers in a time span of 1 week, using GitHub's version control system to collaborate efficiently, minimize merge pull conflicts, and deliver in a timely manner
- Utilized the react-table library to create responsive tables for improved organization and user experience
- Directed the creative direction of website design and styling, resulting in a cohesive site look and feel

## Experience

**Patent Examiner, Electrical Engineering** | 2021 - 2022

United States Patent and Trademark Office

- Examined software inventions(Machine Learning, Artificial Intelligence) to determine if they receive patents
- Explored through 120+ patents per week and evaluated the unique use case of the inventions based on current technology trends and what has already been invented in the field
- Negotiated with over 90 patent attorneys from 18 different firms to resolve patent issues and increase their patent application's chances of receiving exclusive patent rights

**Design Engineer, Team Lead** | 2020 - 2021

Insight Global

- Directed a team of 5 engineers to investigate PG&E's Geographic Information System for electric transmission lines, and report data inconsistency errors between the software and 3D engineering models in a dynamic Excel book
- Surpassed the 6-month production target in 4 months, resulting in over 2 times the number of errors corrected

## Education

**App Academy** | San Francisco, CA | Full-Stack Web Development Bootcamp | 2022

**University of California, Davis** | BS in Aerospace Engineering, Minor in Philosophy | 2019