

# JIMMY KUANG

## FULL STACK SOFTWARE ENGINEER

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**SKILLS** Javascript, Ruby, Ruby on Rails, React, Redux, SQL, Postgres, Git, HTML5, CSS3, MongoDB, Mongoose, Express, Node.js, AJAX, jQuery, AWS, Webpack, Heroku, TypeScript, Tailwind, Bootstrap, RegEx, .Net,

### EXPERIENCE

#### Software Engineer Volunteer | [Knowtex](#) | [Webflow](#), [CSS](#)

Feb 2024 - Apr 2024

- Spearheaded the construction of Knowtex's new website using Webflow, implementing responsive design techniques for a mobile-friendly and user-friendly interface
- Collaborated with 5 team members to understand the new website's requirements and objectives, ensuring alignment with the company's brand identity and goals
- Utilized Webflow's powerful features and tools to create custom designs, layouts, and animations tailored to enhance user experience

#### Software Engineer | [KeyJam](#) | [React](#), [TypeScript](#), [.NET](#), [Bootstrap](#), [RegEx](#)

Dec 2022 - May 2023

- Actively participated in critical preliminary stages of application development, leveraging cross-functional team collaboration for robust planning and issue prioritization through the use of JIRA, subsequently segmenting extensive epics into manageable tickets and enhancing team workflow
- Engineered dynamic React component for real-time user password strength validation by employing custom RegEx, enhancing user security by instantaneously informing users about the reliability of their selected password
- Executed a strategic frontend overhaul, transitioning from TailWind to Bootstrap, a decision that significantly boosted efficiency and seamlessly harnessed Bootstrap's intrinsic built in features
- Collaborated with other engineers to construct new API routes within the .NET backend, opening the project to more features available for users of the application to access

#### Software Engineer Assistant | [App Academy](#) | [Project Management](#), [Debugging](#), [Mentoring](#)

Aug 2022 - Aug 2023

- Advised students on coding and debugging practices, improving their communicative approaches, and creating a foundation for students of diverse backgrounds to become Software Engineers
- Conducted language agnostic technical interviews with students in System Design, Data Structures and Algorithms, providing technical and behavioral feedback to improve student interview success rate
- Facilitated students during the development of their projects, querying for any issues, bugs, and potential deadlines for features or epics, streamlining students' time until they started applying for jobs by 50%
- Improved student learning outcomes by developing tech-enabled approaches and incorporating learning science principles into the software development process, contributing to an increase in student content retention by 15%

### PROJECTS

#### Recipestic | [React](#), [Redux](#), [Javascript](#), [Rails](#), [Ruby](#), [AWS](#), [HTML](#), [CSS](#)

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

*A full stack single-page web application clone of Epicurious, allowing users to browse and favorite recipes*

- Utilized JBuilder views in the Ruby on Rails back end to structure responses as JSON objects, facilitating the creation of a normalized Redux store in the frontend and streamlining data rendering
- Implemented search functionality by leveraging normalized Redux store to dynamically filter recipes based on query string, reducing server load by limiting API requests to the back-end
- Assembled higher order modal component for React by passing props, allowing for DRY code

#### Pantry Chef | [MongoDB](#), [Express](#), [React](#), [NodeJS](#), [AWS](#), [HTML](#), [CSS](#)

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

*A MERN stack web application that suggests community-sourced recipes based on user-provided ingredients*

- Moderated over daily standups with other team members to have a plan of action for the day, reorganizing team priorities should there have been any falling behind, increasing team synergy
- Established custom back-end routes using Express to communicate with MongoDB and bring referenced data to the frontend, while allowing for validations to ensure format of data when sent to the back-end
- Developed a menu component in React to render on any page, giving users easy access to their customized pantries whenever

### EDUCATION

[App Academy](#) *Fullstack Software Development Certificate*

Jul 2021 - Oct 2021