

# Kenneth Lee

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## Skills

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JavaScript (ES6+) | TypeScript | Vue | React (Router, Hooks) | Redux | Node | Express | HTML | CSS/SaSS | Firebase | NoSQL | Postgres/MySQL | OOP | REST API | LiquidJS | Webpack | Unit Testing (Jest/React Testing Library) | CI/CD | AWS (EC2, S3, Elastic Beanstalk) | Frontend | Backend | Full-stack | Docker | Git | Electron

## Experience

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### Codesmith | Software Engineer

2021 - 2022, MAY 2023 - CURRENT

- Maintained Codesmith's public site, bidirectional collaborative IDE platform, and internal tools using React, Redux, and PostgreSQL
- Enhanced platform reliability by increasing test coverage of codebase using React Testing Library and Jest. Conducted unit and integration tests to validate component rendering and controller outputs during authentication. Facilitated continuous development and integration, ensuring robust functionality and optimal user experience
- Mentored junior engineers in core technologies through code reviews, pair programming and workshops, while providing ongoing support for engineering tasks
- Designed and delivered workshops on JavaScript fundamentals to teach aspiring engineers foundational concepts

### Sketch & Etch | Frontend Engineer

Jan 2023 - March 2023

- Led the development and maintenance of Sketch & Etch's public site, incorporating JavaScript, React, and LiquidJS to elevate the user experience. Achieved a notable 40% increase in website conversions, a 25% reduction in bounce rate, and a 30% improvement in average session duration
- Launched splitter feature on product landing page that drove 20% more traffic to designated landing pages
- Designed the infrastructure for emoji customization features that enabled customers to customize their product. Used React and JavaScript to enhance the e-commerce site to enable this feature to ingest user request on the backend
- Orchestrated cross-functional collaboration among teams to swiftly identify and resolve critical issues, resulting in a 25% improvement in overall site functionality

### OverVue | Software Engineer

2021

- Implemented Vue.js framework to enable dynamic rendering of single file components via reactive two-way bindings, resulting in improvement in page load time and user experience
- Orchestrated the creation and implementation of a highly scalable Vuex state management library, leveraging modules and direct state mutation. This reduced state management overhead by 40%, optimizing application performance and empowering seamless data sharing across components
- Spearheaded the successful implementation of the Quasar UI framework, enabling rapid development of responsive applications with access to progressive prebuilt Vue-based components. Streamlined user experience with seamless drag-and-drop and resizing capabilities, resulting in increased efficiency and user satisfaction
- Leveraged duplicating shallow copies of components with conditional Vuex state mutations and relational mapping, allowing users to quickly reproduce consistent components while maintaining application hierarchy
- Developed and deployed browser-based Slack OAuth and OS deep link redirect functionality, optimizing webhook configuration and driving an improvement in user satisfaction and an increase in overall productivity

### Frontier Logistics Services | Customs Broker Assistant Manager

2015 - 2021

- Supervision of container and rail car disbursement for clients international shipments
- Prepared customs documentation and ensured shipments met all applicable laws to import goods
- Advised clients on import and export restrictions, while preparing customs documentation and ensuring all shipments met applicable laws to import goods

## Education

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University of California, Riverside | Bachelors

## Public Talks

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Single Sprout Software Engineering Speaker Series: React Hooks  
Intro to JavaScript: Variables & Looping

## Interests

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Die-hard Lakers fan | Dog lover | Cheese connoisseur | Reading | Gaming | Best average golfer | Hiking | Snowboarding