

Rich Kevan

Software Engineer

 Fairfield, CA  (707)770-6843  hey@richkevan.com  [linkedin.com/in/rich-kevan](https://www.linkedin.com/in/rich-kevan)  richkevan.com

SKILLS

Typescript + React	A/B experimentation	Strong communication
Ruby on Rails	SEO concepts	Collaboration with a distributed team
Data analysis	Performance optimization	

WORK EXPERIENCE

Instant Teams Remote 2022-2024	Full Stack Engineer <ul style="list-style-type: none">Built a Node.js/TypeScript OAuth2/IAM server within a Firebase architecture, providing secure authentication across multiple platforms.Contributed to the ground-up rebuild of the talent marketplace (v3.0), enhancing scalability and modernizing the platform.Led front-end development team to integrate a new OAuth2/IAM server, enabling secure user login and improving system reliability.Resolved cross-device compatibility issues in a client-facing web app, significantly improving the user experience.Optimized CRUD performance by integrating Redis caching, resulting in a 20% speed increase, enhancing the overall platform efficiency.Implemented global state management for a complex onboarding form using TypeScript, simplifying data flow and improving user experience.Architected the database structure and system for logging processes related to authentication and authorization, ensuring security, reliability, and observability.Conducted a WCAG 2.1 AA accessibility audit and implemented recommended changes, ensuring an inclusive user experience.
Bayside IT Department Remote 2021-2021	Application Engineer <ul style="list-style-type: none">Configured and deployed a scalable membership management system, supporting over 50k weekly users.Optimized database queries, reducing data retrieval time by up to 2x and improving performance.Designed and implemented custom SQL queries to deliver tailored reporting metrics, enhancing operational decision-making capabilities.Created custom dashboards to track attendance, revenue, and financials, enabling data-driven decision-making for strategic improvements.
Bayside Adults/Singles Remote 2017-2021	Front End Developer <ul style="list-style-type: none">Conducted A/B testing on a multi stream workflow using the Mux API, resulting in a 40% increase in potential viewership across 3 platforms compared to the single-stream baseline.Increased organic website traffic by 300% by integrating SEO best practices into new and existing pages.Developed a URL shortening API to enable click-through rate tracking, providing valuable marketing insights.Optimized ad spending through A/B testing of marketing campaign elements, resulting in a 150% return on ad spend.

EDUCATION

Kenzie Academy 2020-2021	Certificate - Full Stack Web Development
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VOLUNTEERING

- Teaching Assistant for Code Platoon Nonprofit Coding Bootcamp for Veterans, Servicemembers, & Military Spouses.
- Software Engineering Mentor for an FRC Robotics Team. Helping High School students plan, program, test, tune, operate, and upgrade an FRC competition robot