

Kieran King

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Skills

Languages: JavaScript, TypeScript, Java, HTML, CSS, SQL, MongoDB

Frameworks & Libraries: React, React Native, Node.js, Next.js, Express, Tailwind

Technologies: Git, REST API, PostgreSQL, Expo, Firebase, AWS

Experience

Full Stack Engineer, Titan Survival – Modesto, CA

August 2023 – Present

- Developed an inventory management React web-app using TypeScript, Express, and MongoDB, centralizing data for 50+ products across 3 e-commerce brands, improving inventory tracking efficiency by 30%
- Eliminated \$7,000+ annually in software subscription costs by developing a customized in-house solution, significantly reducing operational expenses and increasing overall ROI
- Enhanced data security by implementing a robust authentication system with Node.js and express-session cookies, reducing security vulnerabilities by 40% through advanced password encryption techniques
- Improved internal API performance by designing and developing a RESTful API, reducing data retrieval time by 25% and boosting frontend load speeds and overall operational efficiency
- Led end-to-end development of a web application using Agile methodology, achieving a 20% faster project delivery timeline and improving team collaboration and project organization

Projects

Giftro | Social Gift-Giving Web App

github.com/kizido/giftro

- Built a seamless user experience by utilizing React and Next.js, leveraging server-side rendering to optimize performance and load times
- Engineered a robust PostgreSQL database to manage user accounts, personal information, and detailed product data, ensuring efficient data retrieval and scalability
- Integrated the Amazon Product Advertising API to dynamically fetch and display product information, enhancing user engagement with real-time updates

Spanish Story AI | AI Spanish Education Tool

github.com/kizido/spanish-vocab-story-ai

- Built a mobile-friendly language learning web-app in JavaScript using React and Vercel serverless functions, enabling users to learn Spanish through custom-generated stories and flashcards
- Utilized the ChatGPT API to build tailored Spanish stories based on user-selected vocabulary
- Implemented calls to the Google Cloud Translation API for instant translations to hovered words
- Integrated URL parameters and query string mechanisms to facilitate seamless data transfer between web pages

Next Question | Social Mobile Game

github.com/kizido/nextquestion

- Designed an intuitive and responsive mobile interface using React Native and Expo, prioritizing accessibility and ease of use to enhance user satisfaction
- Leveraged Firebase Firestore to gather user feedback and drive data-informed updates, enhancing app performance and user engagement through user-inspired updates
- Published a fully functional mobile app to the iOS App Store, managing the submission process and adhering to Apple's guidelines to ensure a smooth and timely release

Education

California State University, Long Beach – BS in Computer Science

May 2023