STEVEN (SUNG RAE) KIM

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript
Frontend: React.js, Axios, Redux, React-router, TanStack, HTML5/CSS3, JavaScript library ecosystem
Backend: SQL, NoSQL, MongoDB, Sequelize, Mongoose, Supabase, Node.js, Express.js, Nginx, WebSockets
Tools and Services: Git, Git workflow, AWS(EC2), Docker, Jest, React Testing Library, Netlify, Webpack, Vite
Architecture and Practices: Component-based architecture, Stress Testing & Scalability, Entity Relationship Diagrams, Database scaling, REST APIs, Code Reviews, Agile, Unit Testing

PROFESSIONAL EXPERIENCE

Hack Reactor | Support Software Engineer   Jan 2024 - Present
- Provided technical guidance for debugging and improving full-stack software, receiving stellar feedback for fostering confidence and clear communication
- Advised new engineers on optimizing development processes through workflows and design patterns during one-on-one office hours and workshops
- Taught Javascript and React fundamentals, improving both overall comprehension and practical application skills

White Tiger Martial Arts, LLC | Head Instructor   Aug 2013 - Jun 2023
- Established a rotating curriculum system to increase engagement and comprehension, resulting in a 12% increase in student retention and a 40% increase in individual performance
- Developed personalized training programs for a team of athletes, resulting in 1st place at the US Open Hanmadang National Competition

RELEVANT PROJECTS

parKing | github.com/stevkim/parKing   Jan 2024
- Designed the state management system, reducing redundant API calls by 20% and augmenting state predictability
- Leveraged React-Router to efficiently manage navigation and redirects for role-based access controls
- Enhanced user experience through intuitive interfaces using an interactive Google map view
- Integrated Google OAuth protocols, resulting in a 20% reduction in authentication time and providing users with a convenient and secure login experience

Atelier | github.com/stevkim/atelier   Dec 2023
- Optimized app efficiency with React memoization, reducing re-renders by 30% and cutting page response times from 2 to under 1 second
- Improved the performance of an infinite scroll feature by 98% using a custom throttle hook
- Implemented horizontal scaling using Nginx as a load balancer, resulting in a throughput of 2000 requests per second, with an average latency of 20ms and an error rate of under 0.1%
- Engineered an ETL algorithm to transform and import 20 million lines of CSV code as JSON in under 3 minutes

WebCountry | github.com/stevkim/webcountry   Dec 2023
- Developed a data synchronization module for automated reporting of item information, resulting in the reduction of user load times from 5 seconds to less than 1 second
- Strategically split code following React's component-based architecture, resulting in increased website performance with a 100% Lighthouse rating

S & S | github.com/stevkim/wedding   July 2023
- Deployed on Github pages to accommodate 100 guests as an interactive itinerary at a wedding, garnering positive feedback for its engaging and user-friendly design
- Centralized application state using the Context API, reducing prop drilling by 50%

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program   Oct 2023 - Jan 2024
- Over 900 hours of coding in JavaScript, React, Express, MongoDB, and MySQL in an Agile environment, which included solo coding, pair programming, and team collaboration

Nucamp | Full Stack Web and Mobile Development Program   Aug 2022 - Feb 2023