

STEVEN (SUNG RAE) KIM

Fullstack Software Engineer - React, Typescript, Node.js

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A Fullstack Software Engineer specializing in the React, Typescript, and Node.js ecosystems. I have experience building scalable applications with tools like Next.js, Express, Redux, Jest, and TailwindCSS to name a few. Currently, I'm building applications with Next.js, utilizing SSR and Next's powerful cache system.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Frontend: Next.js, React.js, Axios, Redux, React-router, TanStack, TailwindCSS, SASS, HTML5/CSS3, JavaScript library ecosystem

Backend: Node.js, Express.js, SQL, NoSQL, MongoDB, PostgreSQL, Sequelize, Mongoose, Supabase, Nginx, WebSockets, MySQL

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, SSR, Next App Router

PROFESSIONAL EXPERIENCE

Galvanize | Support Software Engineer

Jan 2024 - April 2024

- Provided technical guidance for debugging and improving full-stack software, receiving a 4.9/5 feedback rating for fostering confidence and clear communication
- Advised 25 engineers on optimizing development processes through workflows and design patterns during one-on-one office hours and group workshops
- Taught **Javascript** and **React** fundamentals to improve overall comprehension and practical application skills, evidenced by elevated project completion rates and assessments

S & S | Freelance Frontend Engineer | stevkim.github.io/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%
- Strategically split code following React's component-based architecture, resulting in increased website performance with a 100% Lighthouse rating

RELEVANT PROJECTS

parKing | Full Stack Engineer | github.com/stevkim/parKing

Jan 2024

- Designed the state management system using **Redux**, reducing redundant API calls by 20% and augmenting state predictability to ensure consistent data flow throughout the application
- 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, resulting in a 20% reduction in authentication time and providing users with a convenient and secure login experience

Atelier | Full Stack Engineer | github.com/stevkim/atelier

Dec 2023

- Optimized application 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 2 minutes

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

OTHER EXPERIENCE

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, leading them to a 1st place finish at the US Open Hanmadang National Competition