

# Steven Kim

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## TECHNICAL SKILLS

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**Programming Languages:** Javascript, Typescript

**Cloud Deployment and Technologies:** Docker, Git, feature branch workflow, AWS (EC2)

**Database Concepts and Technologies:** SQL, NoSQL, MongoDB, Entity Relationship Diagrams, Database scaling, Sequelize, Mongoose, Supabase

**Server-Side Concepts and Technologies:** Node.js, Express.js, MVC, Stress Testing & Scalability, NGINX

**Client-Side Concepts and Technologies:** HTML5/CSS3, DOM & DOM API, React.js, Axios, Component-Based Architecture, Redux, React-router, TanStack

## RELEVANT PROJECTS

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**parKing** | [Github](#) | React, Supabase, Redux

Jan. 2024

*A SaaS application to optimize car parking and valet interactions*

- Designed the state management system using Redux, reducing redundant API calls by 20% and augmenting state predictability
- Leveraged React-Router for navigation and redirects to elevate the fluidity of the application
- Enhanced user experience through polished interfaces using the DaisyUI library and a map view using the Google Maps API
- Integrated Google OAuth protocols, resulting in a 20% reduction in authentication time and providing users with a convenient and secure login experience

**Atelier** | [Github](#) | React, MongoDB, CSS

Dec. 2023

*An engaging ecommerce landing page showcasing a curated selection of products*

- Optimized app efficiency with React memoization, reducing re-renders by 30% and cutting page response times from 2 seconds to under 1 second
- Improved the performance of an infinite scroll feature by 98% via implementing a throttle function to maintain page responsiveness
- Horizontally scaled with NGINX as a load balancer, achieving 2000 requests per second with an average latency of 200ms and near 0% error rates
- Engineered an ETL algorithm to transform 15 million lines of CSV code into json in under 3 minutes

**WebCountry** | [Github](#) | React, Express, Puppeteer

Dec. 2023

*A web-scraping application for products on Backcountry.com that tracks price trends over time*

- Developed a data synchronization module for automated reporting of item information at 12-hour intervals
- Maximized website performance via strategic code splitting, achieving a 100% Lighthouse rating
- Implemented interactive line charts using a React charting library to deliver data visualizations

## PROFESSIONAL EXPERIENCE

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**Hack Reactor | Software Engineering Immersive Resident**

Jan. 2024 – Present

- Selected from 25 potential candidates for a paid mentor role in the following cohort as part of Hack Reactor's Software Engineering Immersive Resident program

**White Tiger Martial Arts, LLC | Head Instructor**

Aug. 2013 – Jun. 2023

- Communicated intricate martial arts techniques and adapted to diverse learning styles to ensure clear comprehension and skill mastery among 400 students
- Created a structured curriculum tailored to different skill levels and age groups, fostering heightened engagement and skill advancement among participants

## EDUCATION

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**Hack Reactor | Advanced Software Engineering Immersive Program**

Oct. 2023 - Jan. 2024

- Coding training in JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL in an Agile environment, including solo coding, pair programming, and team collaboration

**Nucamp | Full Stack Web and Mobile Development Bootcamp**

Aug. 2022 - Feb. 2023