

STEVEN 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

- Assumed a pivotal role, providing technical guidance for debugging and improving fullstack software
- Delivered technical advice during one-on-one office hours and workshops to new engineers, focusing on optimizing development processes through advice on workflows, system design, and design patterns
- Successfully taught the fundamental concepts of JavaScript and React, using clear, engaging methods for improved student understanding and practical application

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

RELEVANT PROJECTS

parKing | github.com/stevkim/parKing

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 Google's 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.com/stevkim/atelier

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.com/stevkim/webcountry

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

EDUCATION

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 Program

Aug. 2022 - Feb. 2023