STEVEN (SUNG RAE) KIM

Fullstack Software Engineer - React, Typescript, Node.js

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A Fullstack Software Engineer with a strong foundation in React, Typescript, and Node.js, specializing in building scalable and performant applications. In my current role, I utilize Next.js, Typescript, and Jest, among other technologies.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python3
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, Docker, **Jest**, **React Testing Library,** Netlify, Webpack, Vite, Playwright
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

MedQuest LTD | Software Engineer   July 2024 - Current
- Collaborating with a UI/UX designer to implement intuitive, user-centered navigation and layout designs, driving increased user engagement and retention
- Utilized AWS Lambda for data synchronization between **AWS DynamoDB** and Odoo's **PostgreSQL**, ensuring platform-wide data integrity
- Engineered highly performant applications with serverless architecture and **Next.js** static exports, reducing page load times by 30% and maintenance costs by 40%

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% and augmenting state predictability to ensure consistent data flow throughout the application
- Strategically split code following React's component-based architecture, resulting in increased website performance with a 100% Lighthouse rating

RELEVANT PROJECTS

Anon | Full Stack Engineer | anon-stevkims-projects.vercel.app   Jun 2024
- Implemented **Prisma's** $transaction API to adhere to atomic principles, significantly enhancing data integrity and consistency across complex database operations
- Integrated **Supabase** Google OAuth, achieving a 20% reduction in authentication time while enhancing user convenience and security for the login experience
- Utilized **Next.js** and its Server-Side Rendering (SSR) capabilities to achieve a 35% increase in page load speed and a 40% improvement in SEO performance

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
- 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