Blake Sim

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Skills

Language: JavaScript, TypeScript, HTML/CSS
Framework and Library: React, Next.js, Redux, Zustand, TailwindCSS
Bundler and Package Manager: Webpack, Yarn
Database: PostgreSQL, MongoDB, SQLite
DevOps: Amazon EC2/S3/CloudFront, Github Actions, Docker

Experience

Frontend Developer, Packative – Seoul, Freelance/Remote   Dec 2023 – May 2024
- Adopted server side rendering by customizing Next.js middleware and routes for better performance
- Resolved issues with loading static translation files on by examining i18n library dependencies
- Integrated a headless e-commerce platform tailoring it to include specific packaging requirements

Frontend Developer, Neulpummaru – Seoul, Freelance   Aug 2023 – Oct 2023
- Improved code maintainability by refactoring components to be flexible to future UI changes
- Adopted global state management library for separating non-UI logic and better state tracking

Frontend Developer, Noleeui Balgyeon – Seoul   Apr 2023 – July 2023
- Integrated BI solution, Airbridge, managing 20+ event points for marketers to track accurate user data
- Revamped color theme in web and WebView for a visually appealing and consistent user interface
- Trouble-shooted panning bug of Swiper.js library on WebView to improve user experience on mobile app

Frontend Developer, Blockchain Labs – Seoul   Feb 2022 – Feb 2023
- Applied UI kit to admin bootstrap responsiveness and reusability and better user experience
- Increased Lighthouse performance score by 30 points by optimizing assets and reducing bundle size
- Delivered company homepage on time cooperating with backend developers and product designers

Web Developer, SDPlex – Seoul   Apr 2019 – Apr 2020
- Implemented a full-stack web dashboard for monitoring server resources and configuration
- Integrated jQuery drag-and-drop panel library to to show multiple server status altogether
- Solved large network usage problems by using long polling connections on real-time resource panels

Project

Personal Website   https://blake-sim.com
- Rewrote in Svelte and SvelteKit from Jeykll for flexibility
- Improved page loading speed by using static site generation and build speed by trying Vite

Education

Korea National Open University – BS in Computer Science   2022
KyungHee University – BS in Journalism and Communication   2018