Blake Sim

nbblks@gmail.com | blake-sim.com | Canadian Work Permit Holder

Skills

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

Experience

Frontend Developer, Packative – Seoul, Freelance/Remote   Dec 2023 – May 2023
- Reduced page loading speed by 50% in marketplace and product detail page by using Server-Side Rendering in Next.js
- Integrated 10+ serverless back-end APIs customizing models for package types and quotation with Medusa.js
- Migrated headless CMS from WordPress to Builder.io and reused 10+ components in static pages

Frontend Developer, Neulpummaru – Seoul, Freelance   Aug 2023 – Oct 2023
- Improved code maintainability by refactoring 20+ components to be less than 250 lines and flexible to 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 satisfy user requirements to see multiple server status altogether
- Solved large network usage problems by using long polling connections for real-time updates on the resource panel

Education

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