

You-Kwhan Kim

Software Engineer

EXPERIENCE

Software Engineer, 100Devs | Remote

Sept 2023 — Present

- Collaborated with global teams of developers to develop modern web applications.
- Actively participated in daily standup meetings with developer groups of up to 10+, Contributing to increased productivity and collaboration through effective agenda setting and active engagement.

Freelance Full Stack Web Developer | Remote

Sept 2023 — Present

Developed static webpages for small and medium-sized businesses, implementing meta tag for SEO, framer-motion for dynamic animations, Figma for designs, and React and TypeScript for the front-end.

- Example : [New Grace Community Church](#)

Software Engineer Fellow, Headstarter | Long Island City, NY

June 2022 — Sept 2022

- Collaborated closely with a team of three to develop a full-stack application for parsing, storing, and searching resumes using React for the front-end, Cloud Firestore for data storage, and custom keyword matching algorithms for search capabilities.
- Led a 4-person team in building an interactive calendar website using React and Firebase, simplifying meeting setup and integration of video chat.
- Integrated real-time data entry and Google APIs on Google Cloud Platform, providing location-based recommendations and travel route estimations.

PROJECTS

VanLife | React, react-router, JavaScript, CSS, Firebase, Figma

[Repo](#) — [Live-Preview](#)

- Developed a van rental landing page leveraging React Router 6 for a seamless Single Page Application.
- Employed client-side routing to handle navigation, protected and nested routes, and rendering of components, eliminating the need for full-page refreshes.
- Utilized Remix's server concepts of loaders and actions to efficiently perform data reads and writes, enabling parallel data fetching and enhancing overall performance.

Quizzical | React, JavaScript, CSS, Figma

[Repo](#) — [Live-Preview](#)

- Designed a responsive trivia quiz app to ensure a seamless user experience on various devices using React hooks for a consistent and reliable user flow.
- Implemented user engagement and accessibility features; allowing users to customize quiz categories, difficulty levels, and question types.

Reef Reviver at InnovateIT Hackathon | Stony Brook, NY

First Place Winner — [Reef Reviver](#)

- Awarded "Best First Time Hacker" out of 40 participants at InnovateIT Hackathon.
- Proposed a network of floating devices to address rising coral reef temperatures, anticipating a 40% revenue increase.
- Devised conceptual designs and prototypes using Autodesk Inventor. Evaluated power and cooling systems, business models, timescales, and management for optimal performance and cost-effectiveness.

CONTACT

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SKILLS

Programming Languages

JavaScript, TypeScript, Python, Java, R

Frontend Tools

React, HTML5, CSS3, Tailwind, Figma, jQuery, SASS

Databases

Firebase, Cloud Firestore

API Development

REST API, OAuth

Miscellaneous

Git, Github, JSON, RStudio, Object Oriented Programming, Web Accessibility, UI/UX Design, Responsive Web Design, Wireframing, Agile, Netlify

EDUCATION

Scrimba

Feb 2023 - July 2023

The Frontend Developer Career Path

Stony Brook University

2018 - 2022

Stony Brook, NY

B.S. Applied Mathematics & Statistics, and Economics