

Wonkyu Lee

1qlee.com / wonq33@gmail.com / 917-575-4958

LANGUAGES & TECHNOLOGIES

React, TypeScript, JavaScript, Tailwind, Next.js, Tanstack, PostgreSQL, GraphQL, Jest, Node.js, tRPC, Prisma

PROFESSIONAL EXPERIENCE

The Boston Globe / Frontend Developer / Feb 2025 - Present

Lead developer for all Games related development and core maintainer for Next.js game called Align.

- Owned multiple Games' development projects end to end from technical scoping, UI design, and implementation.
- Represented engineering in cross-functional product sessions, shaping the scope and UI / UX of new game features.
- Overhauled an admin dashboard by resolving user pain points, and shipping new features to improve workflow.
- Uncovered and resolved a data flow bug during a performance audit, eliminating up to 99% of per-user database bloat.
- Enhanced UX by building animations and implementing new states, adding visual feedback for all game interactions.
- Oversaw the migration of a Next.js project from Firestore to Postgres, providing feedback on schema and API design.

Unicorn Graphics / Web Developer and Project Manager / Sept 2022 - Jan 2025

Provided both development and project management services for my family's small printing business.

- Modernized the company's entire web presence, rebuilding old websites and creating new ones from scratch.
- Improved data entry workflow speeds by 15% after developing a custom React interface inside a Monday.com board.
- Developed custom marketing websites using static site generators with headless CMS integrations via GraphQL.
- Managed projects end to end: led discovery sessions with clients, aligned internal teams, and delivered on schedule.

Notesmith / Founder and Full Stack Developer / Jan 2021 - Aug 2022

Founded and built a stationery products brand and e-commerce platform end to end.

- Architected a complete eCommerce backend via serverless Node functions, integrating multiple third-party APIs.
- Reduced Firebase storage by 95% through efficient database schema planning that prevented unnecessary writes.
- Built an SVG product editor in React using web APIs, enabling customers to design custom notebooks in the browser.
- Created a props-driven, flexible, and reusable UI component library of 24 primitives backed by a design token system.
- Optimized performance by implementing code splitting, lazy loading, event throttling, and component memoization.

Office Hours / Frontend Developer / June 2019 - June 2020

Engineer at an early-stage startup building MVP product for a C2C knowledge sharing marketplace.

- Iterated rapidly on features in a fast-paced environment while prioritizing code quality and maintainability.
- Filled the design gap early on, creating a brand guide, component library, and web mockups in Figma.
- Collaborated cross-functionally with design and product to ship responsive and intuitive UI / UX.
- Integrated components with RESTful APIs for user authentication, session management, and data updates.
- Contributed to frontend architecture decisions early in the product lifecycle, helping to establish maintainable standards.

DomaHub / Co-founder and Frontend Developer / July 2016 - Apr 2019

Co-founded a SaaS platform for managing domain name portfolios. DomaHub was acquired in 2019 by Efty.

- Led organic marketing strategies to grow the business to 2000+ accounts and 10,000+ domains.
- Architected RESTful API integrations, covering payments, domain management, and user authentication.
- Developed entire responsive frontend UI / UX using EJS, jQuery, and a custom written CSS framework.
- Designed every view, component, logo, and brand asset in the product using both code and Adobe tools.
- Interfaced directly with customers across multiple channels to translate their pain points into product features.

PROJECTS

sqnces / Creator / Sept 2024 - Feb 2026

Daily word game built on Next.js with the t3 stack. 500+ players at its peak. Now temporarily down for improvements.

EDUCATION

University of Notre Dame (2015) / B.A. Economics, B.A. Sociology, **Stuyvesant High School** (2011)