

Robert J. Spano

Web Developer



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Tech Stack

- Typescript, Javascript
- React, Next.js, Vue.js
- MySQL, PostgreSQL
- MongoDB
- Node.js
- Express
- PHP
- Ruby on Rails
- Python
- HTML
- CSS
- JSON
- REST API
- Tailwind CSS
- Chakra UI
- Bootstrap



Professional Experience

99%

Present

99% is a start-up in Seoul developing web and native app solutions targeting various South-East Asian markets

As the only full-stack developer at my company, my most recent responsibility has been the development of a coupon/stamp card tracking app that is launching in the Vietnamese market. I work directly with my team-lead and designer to effect the result required: an app that is easy-to-use, resource-efficient, and is easily integrated with their larger app ecosystem that already launched in the Philippines. Much of my work deals with legacy code refactoring, RESTful API development, external system integration like Firebase Messaging and Google Maps, and all things end-to-end.

Freelance Work

Present

Team: I am currently part of a remote international development team working on migrating an inventory system belonging to a large industrial textile supplier in USA to a newer Ruby on Rails 8 and Vue.js stack. We hold weekly meetings with the client and usually pair program.

Independent: I also develop locally in my community. Notably, I deployed a site for a plastic surgeon in Seoul looking to attract clients from abroad that required a multi-stage form with file uploads, Paypal API integration, and automated email receipts and notifications managed by Cloudflare Workers. ([Live Site](#))

SLZ Inc.

until Oct. 2023

SLZ Inc. is a start-up located in Siheung City that develops AR and AI solutions for the global construction industry

At SLZ Inc., I worked closely with both the leadership and development team to generate international sales leads, act as liaison with international stake-holders, create English marketing materials, translate documents, translate real-time Korean presentations to English speaking audiences, and plan and execute a software demo exhibition trip to USA.

Notable Projects

The Kid Project

[GitHub](#) - [Live](#)

Started as a challenge to strengthen my database design capabilities, The Kid Project was created to curate and organize data related to your child for later easy visualization and to provide growth & developmental insights.

Technical Highlights: Next.js server components, OAuth (Google), Framer Motion

Tap-Tap-Taphouse

[GitHub](#) - [Live](#)

Third place winning entry into [ReactJam Fall 2024](#), an online gamejam, Tap-Tap-Taphouse refined my front-end user interaction and visual feedback skills while being required to adhere to a strict deadline.

Technical Highlights: Collision detection, time-pressured development

Workplace Infoportal

[GitHub](#) - [Live](#)

This solved the problem of lost files and miscommunication regarding events and schedule changes at a past workplace. It centralizes files, templates, and more to reduce workplace confusion and improve collaboration. It is a responsive, full-stack app that has tiered user authority and a user comment system.

Technical Highlights: JWT login / auth middleware, flexible no-SQL database, rich-text editor

Education

Other Skills

Professional Development / Certification

On-Site: wCoding Full-Stack in Seoul

Online: Helsinki MOOC and FreeCodeCamp

Pennsylvania State University

B. S. Economics - 2010

Languages:

English (Native)

Korean (Intermediate)

Collaboration Tools:

Git, Github, Trello, Google Workspace