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

I am the only in-house full-stack developer at my company. My primary responsibility is the development of a coupon/stamp card tracking app targeting 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 both back- and front-end.

Freelance Work   *Present*

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. In other freelance work, I have notably created 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** using **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 to generate international sales leads, acted as liaison with international stake-holders, created English marketing materials, translated documents, translated real-time Korean presentations to English speaking audiences, and planned and executed a product exhibition trip to USA.

Notable Projects

The Kid Project   [GitHub](#) - [Live](#)
An opportunity to strengthen my database design and organization capabilities, The Kid Project was designed to curate and organize data related to the condition of a child for easy visualization.

Technical Highlights: **Next.js server component usage, OAuth (Google), Framer Motion**

Tap-Tap-Taphouse   [GitHub](#) - [Live](#)
The third place winning entry into [ReactJam Fall 2024](#), Tap-Tap-Taphouse was a chance to refine 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](#)
The Workplace Inforportal was created to solve a common problem at a former workplace. It is a responsive, full-stack that has tiered user authority and a user comment system.

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

Education

Professional Development / Certification
On-Site: wCoding Full-Stack in Seoul
Online: Helsinki MOOC and FreeCodeCamp

Pennsylvania State University
B. S. Economics - 2010

Other Skills

Languages:
English (Native)
Korean (Intermediate)
Collaboration Tools:
Git and Github
Trello