

Myeongseong Kim

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-  Github <https://github.com/maeng2418>
-  Blog <https://maeng2418.github.io>
-  Portfolio <https://maeng2418.github.io/portfolio>
-  LinkedIn <https://www.linkedin.com/in/명성-김-4988b61ba>

Hello, I'm Myeongsoung Kim, a front-end developer who solves complex problems and creates intuitive experiences.

Currently, at the NOL Universe STAY FE team, I am building a B2B platform for the complex accommodation domain using React and TypeScript

I develop interfaces that make complex policies and data easy and intuitive for users to understand, contribute to team productivity through efficient architecture and improved development processes, and build sustainable codebases.

Experience 4 years and 8 months



NOL Universe (Yanolja)

2022.09.26 - Present

Key Projects

- Developed and maintained a B2B platform for the accommodation industry (Partner Center for PC/Mobile, admin dashboards, and affiliate management tools).
- Led a system integration project to consolidate multiple fragmented services into the Partner Center.
- Transitioned the technology stack from Vue to React.
- Implemented comprehensive service analysis by tracking errors with Sentry + Client Log and incorporating user feedback.

Achievements

- Utilized Nginx Reverse Proxy for a gradual migration from Vue to React and configured S3/CloudFront-based versioned deployments, resulting in reduced server resources, a 40% decrease in bug reports, and improved development productivity.
- Simplified the development of 3 applications and 12 shared packages by implementing a monorepo architecture.
- Improved the development process by introducing Trunk-Based Development (TBD) and feature flags.
- Significantly improved CI/CD efficiency by adopting Turborepo, which reduced build times by up to 99.8% (from 590.24s to 0.99s).
- Enhanced the code review system by automating code verification with GitHub Actions and implementing a checkbox-based system for mandatory review items.

- Improved code quality and processes by introducing ESLint, Prettier, CSpell, and Storybook.
- E2E domain testing using Playwright.

Tech Stack

Typescript

React

Vue

Emotion

Storybook

Vite

React-Query

MUI

Playwright

Jenkins

GitHub Actions

Beanstalk

CloudFront

S3



IGAWorks(Adpopcorn) 2021.07.19 - 2022.09.23

Key Projects

- Developed and maintained the Adpopcorn SSP, a B2B advertising platform.
- Revamped the Adpopcorn SSP Console, transitioning the tech stack from Next.js to React and overhauling the design.
- Developed the Conpick news content platform, which included functionality for converting news content to HTML and inserting advertisements.
- Built the Adpopcorn SSP homepage using Svelte.

Achievements

- Transitioned from Next.js to ReactJS, moving from Server-Side Rendering (SSR) to a Single Page Application (SPA) to eliminate unnecessary over-engineering and revamp the design. This led to simplified state management and overall system performance improvements.
- Improved state management by replacing Redux + Saga with React-Query and Recoil, which eliminated redundant API calls and streamlined complex state management, thus simplifying development resources.
- Automated deployment using AWS ECS and CodePipeline for improved CI/CD.
- Enhanced the chart library with Recharts and SVG to improve data accessibility and analysis efficiency.
- Developed a high-performance, lightweight landing page with fast rendering by leveraging Svelte's compile-time framework structure.

Tech Stack

Typescript

React

NextJS

Svelte

Emotion

Ant Design

React-Query

Recoil


Github Action

ECS

EKS

Code Pipeline

Docker



ZIMSSA (Partner App) 2020.12.01 - 2021.07.08

Key Projects

- Developed and maintained the ZIMSSA Partner App, a moving service matching platform.
- Applied Design 2.0, which included implementing dark mode and improving UI/UX.
- Built a component-based design system to enhance UI consistency and development productivity.

Achievements

- Modernized the tech stack and improved maintainability by migrating from JavaScript to TypeScript and updating dependencies.
- Implemented a design system based on Atomic Design principles and introduced dark mode.
- Introduced Storybook for UI verification and testing.
- Improved rendering performance and UX through lazy loading.
- Automated component creation with scripts.
- Enhanced user permission settings using Cordova plugins.
- Maintained code consistency and quality by applying ESLint, Prettier, Husky, and lint-staged.

Tech Stack

Javascript Typescript Cordova SASS Styled Component Redux Storybook

Projects



Maeng's Blog | Tech Blog <https://maeng2418.github.io>

A personal tech blog to document and share what I've learned and experienced during development. It covers various web development topics such as JavaScript, React, TypeScript, and Node.js

Developed with React and Gatsby, and deployed using GitHub Actions and GitHub Pages. Recently, in line with current trends, the Emotion-based styling was updated to TailwindCSS for a more concise and consistent UI.

React Gatsby AWS S3

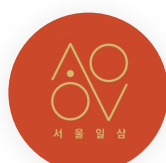


Maeng Design | Design System <https://maeng-design-docs.netlify.app>

Maeng Design is a design system created to standardize UI specifications for React projects, reduce unnecessary costs associated with design and implementation differences, and support design and front-end development resources.

Various components were designed, developed, and distributed as open source. Docs for API reference and Storybook for UI verification were also deployed.

React Typescript Emotion Storybook Rollup Gatsby Netlify



Seoul13 | Space Rental Website (Freelance) <https://seoul13.com>

Created a reservation website for meeting room rentals. I personally handled service planning and design, and built the overall infrastructure for business operations beyond development, including trademark registration for online sales, PG company registration, and mail-order business reporting.

The service was renewed to improve it by replacing the existing React-only code with Next.js, switching from MongoDB to MySQL, implementing a custom calendar library, and applying TypeScript.

React Typescript NextJS Express AWS JWT OAuth Passport MongoDB MySQL



B-Mart Mobile Web | Woowa Tech Camp <https://github.com/woowa-techcamp-2020/bmart-5>

Implemented a B-Mart clone, one of the services of Baedal Minjok, using Next.js with fellow Woowa Tech Camp members.

Development involved using functional components, state management with useState and Context API, styling with Styled-Components, implementing a carousel banner, and login functionality using Passport + OAuth + JWT.

React Typescript NextJS Storybook Express JWT OAuth Passport Github Action MySQL

Activities



Woowa Tech Camp

Woowa Tech Camp Batch 3 | 2020.07.01 - 2020.08.28

- Developed Baemin-sanghoe membership registration and login pages.
- Developed a personal accounting service.
- Developed a TODO web application.



Korea Railroad Research Institute

Undergraduate Researcher | 2019.10.01 - 2020.06.30

- Automated DB construction for traffic demand analysis.
- Held an internal seminar on transportation DB data construction and how to use Emme.



Goorm

DevelUp 1st Cohort | 2019.09.16 - 2019.11.30

- Completed web application development quests.
- Participated in the DevelUp hackathon 'LevelUp-thon'.



Dable

Front-End Development Intern | 2019.08.12 - 2019.09.11

- Developed the Blokee main page.
- Developed the Blokee advertising landing page.
- Collected databases.

Education



Seoul National University of Science and Technology

Bachelor of Science in Computer Engineering | 2015.03 - 2021.02