DONGYEON (MARCO) KIM

Front-End Developer skilled in building responsive web and mobile applications using **React**, **React Native**, and **Next.js**, with expertise in modern front-end tools such as **TypeScript**, **Zustand**, and **TailwindCSS**. Complementing my front-end focus, I have experience in backend development with Node.js, Express, and cloud platforms like AWS. I am committed to producing clean, maintainable code, leveraging scalable patterns, and delivering optimized solutions that enhance team productivity and application performance.

Experience

Pawsome Day, Front-End Developer
Irvine, CA
Sep 2024 - Dec 2024

Global Problem-Based Learning

React Native + Expo, Typescript, Zustand, Figma, Docker

- Developed a mobile app to streamline communication between dog daycare centers and pet owners, focusing on seamless reservation and diary functionalities.
- Utilized React Native for its minimal learning curve and robust JavaScript ecosystem, leveraging Expo for rapid prototyping.
- Implemented Zustand for efficient and straightforward state management.
- Contributed to the design process by identifying and fixing inconsistencies in the design system using Figma.
- Collaborated with backend developers by reviewing API documentation, defining required data structures, and ensuring seamless integration with frontend functionalities.

Duel, Full-Stack Developer
Irvine, CA
Oct 2024 - Dec 2024

Global Problem-Based Learning

React, Node.js, AWS Lambda, AWS API Gateway

- Developed a platform to streamline the creation of Quizlet decks by extracting key points from submitted videos, addressing the limitations of self-created questions and reducing manual effort.
- Enabled users to create and organize questions in just 8 minutes by submitting a video, reducing the process time by 96% compared to the traditional 120-minute workflow.
- Designed the AWS architecture diagram and contributed to backend development for efficient video data processing.
- Refactored the frontend codebase to enhance performance and maintainability.

Devmon, Full-Stack Developer
Irvine, CA
Nov 2024 - Dec 2024

Global Problem-Based Learning

React, Typescript, Node.js, Express.js, OpenAI API

- Built a platform to address the lack of explanations for coding test problems on "Baekjoon," a Korean platform known for its extensive collection of coding test questions.
- Delivered features such as recommended algorithms, detailed explanations, solution approaches, code samples, step-by-step breakdowns, space complexity analysis, and related problem suggestions.
- Independently developed the entire project and implemented prompt engineering to ensure accurate and well-structured outputs.

Organization

Kookmin Open-Source Society (KOSS)
Seoul, South Korea
Sep 2023 - Jun 2024

Front-end Mentor, Team leader

- Led an advanced web development study group, organized and taught React and TypeScript, and successfully guided the team to complete a project utilizing these technologies.
- Managed the "Mogakko" study group, fostered collaboration among new members through coding sessions, exam preparation, and shared activities, and promoted active engagement in school-related events.

Contact

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Email
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Github
github.com/0yeonnnn0

Skills

Languages
JavaScript
TypeScript

Front-End
HTML, CSS
React
React Native
Expo
Next.js
TailwindCSS
Zustand
Redux

Back-End
Node.js
Express
MongoDB
Firebase
AWS (EC2, S3, Lambda, API Gateway)

Education

Bachelor of Science, Computer Science

Kookmin University
Seoul, South Korea
Mar 2020 - Expected 2026