

As a Frontend engineer, I am passionate about developing user-centric web services. Through real-world project experience, I have honed my problem-solving skills and the ability to apply the latest technologies effectively. I aim to grow continuously through learning and collaboration. Fluent in English, I can efficiently communicate technical concepts.

Work Experience

Frontend Developer Assistant(Contract)	Toss Securities	April 2024–December 2024
	1.8M MAU and 750K DAU	
Overseas Platform Team	Seoul Yeoksam, South Korea	
<ul style="list-style-type: none">Margin Trading Back-Office Development: Delivered 63% of core screens for the margin trading feature, a back-office system supporting equities and bonds.Multi-Modal Back-Office Optimization: Consolidated metadata into a single build file, drastically reducing HTTP requests from 100+ JS chunks and improving multi-screen modal performance.API Call Optimization in Back Office: Diagnosed and resolved an issue causing 1M+ excessive API calls in the balance screen, identifying root causes and contributing to a solution within 3 hours, significantly reducing server load and improving system reliability.US Options Silo Development on MTS: Developed features such as a stock option price forecaster and an option position profit calculator for individual stock details.Webview Transition Analysis (MTS): Explored integrating StackFlow library for page transition router in the mobile trading service webview app, and identified compatibility challenges with Next.js. Consulted library maintainers and provided insights that clarified project direction despite the unfeasible feature.		

Projects

Solo, Full Stack	ScriptMind	January 2024–December 2024
<ul style="list-style-type: none">Achieved Top 20 Daily Products on Product Hunt with 17,240 page views, 2,693 visitors, and 425 sign-ups.Boosted signup conversion by 17.65% through landing page optimization (Lighthouse 80 → 97). [Technical Blog]Built a Swagger UI system for dynamic API updates. [Technical Blog].Adopted Turborepo to improve scalability and build efficiency. [Technical Blog].Designed and implemented note publishing functionality using Vercel API and innerHTML.		

Education and Certifications

- B.Sc. in Computer Science, Dankook University** **2021-Current**

Technologies and Languages

- Languages: TypeScript, JavaScript, HTML, CSS
- Technologies: React, Next.js, TailwindCSS, React Query, AWS, Turborepo, SCSS