Helena Park

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Work Experience

Gaggle Studios, Frontend Engineer
Toronto, Canada
Aug. 2024 - Present

- Architected and built the game statistics system from scratch using Angular, TypeScript, RxJS, Jest and SCSS.
- Established GitHub Actions CI/CD pipeline, reducing release overhead and improving deployment speed and stability by 33%.
- Refactored legacy Angular modules for better modularity and stability, reducing render latency and edge-case errors.
- Integrated RESTful APIs into multiple admin tools, implementing robust search, filtering, and CRUD functionality for real-time player data.

Next Mission/Pictology, Software Engineer
Seoul, Republic of Korea
Jul. 2023 - Jan. 2024

- Rebuilt frontend and backend modules using JavaScript and PHP for a CMS-driven English education platform.
- Streamlined content workflows and modularized UI components, cutting update time by 40%.
- Optimized a legacy React application, improving render speed and maintainability by 30%.

NHN Commerce, Frontend Engineer
Seoul, Republic of Korea
May. 2023 - Jul. 2023

- Maintained internal tools using React, TypeScript, and Jest.
- Improved testing coverage and frontend performance for better maintainability.

BCM Educational Group, Frontend Engineer
Seoul, Republic of Korea
Dec. 2021 - Feb. 2023

- Migrated the main service from CSR to SSR using Next.js, improving initial load performance and SEO by 35%.
- Sustained and enhanced a large-scale React application using TypeScript, Redux, Next.js, and SCSS, consistently earning peer evaluation scores of 90%+.
- Facilitated pair programming and led internal knowledge sharing to align frontend practices across the team.

IB The Top, Software Engineer(Front-end)
Seoul, Republic of Korea
Sep. 2019 - Aug. 2021

- Spearheaded core frontend initiatives by migrating Angular-based systems to React using React, Redux and Typescript.
- Architected scalable projects from scratch using React, Redux, and SCSS, reducing initial load latency by 30% through performance tuning.
- Designed responsive UIs connected to a Node.js backend, supporting real-time interactions.
- Enabled multilingual support (KR/EN/CN) and automated email workflows using i18n and Nodemailer.

Hey Beauty, Frontend Engineer
Seoul, Republic of Korea
Jan. 2019 - Mar. 2019

- Improved a React-based beauty platform, increasing user engagement by 20% through UI enhancements and stability fixes.

Education

Korea National Open University
Seoul, Republic of Korea

- Bachelor of Engineering - BE, Computer Science and AI

Daegu Software Meister High School
Daegu, Republic of Korea

- High School Diploma, Computer Software Engineering