

EXPERIENCE

- **Bucketplace** Seoul, South Korea
Software Engineer *Jan 2024 – Present*
 - **Developed a search algorithm for modules:** To improve the development cycle, I developed an algorithm to filter out unaffected modules from many modules, resulting in an 8x reduction in build time.
 - **Made and maintained many features using A/B Testing:** I collaborated with a product owner and designers to significantly improve a business metric, leading to a 300% increase in the OMTM compared to the time before I joined the team.
 - **Enhanced issue processing solutions:** To reduce error counts, I created an overview system dashboard, which reduced critical error counts to almost zero. Additionally, I participated in incident report meetings to address company-wide issues.
- **HYPERCONNECT** Seoul, South Korea
Software Engineer *Nov 2022 – Jan 2024*
 - **Implemented a CQRS system:** To fix the degraded production database, I implemented a CQRS system to handle a large dataset of around 200 million records.
 - **Implemented features and API:** To provide technological expertise to the companies under Match Group, my team concentrated on developing features and implementing APIs.
- **CREMA** Seoul, South Korea
Tech Lead & Manager *Jun 2022 – Nov 2022*
 - **Automated widget installations:** To address a bottleneck in the business process for approximately 8,000 clients including inactive clients, I led my team in developing an automation service using specialized algorithms.

Software Engineer

Nov 2018 - Jun 2022

 - **Developed and maintained review widgets:** I developed a main feature of the company.
 - **Replaced a legacy payment system:** For boosting revenue, a payment system must be replaced with a new one. Then I developed a new payment system including migration to provide a new payment system for a few thousands clients.
 - **Developed recommendation widgets:** To boost clients' revenue, recommendation widgets were needed for end-users. I developed these widgets in collaboration with the data science team.
- **Nurigo** Seoul, South Korea
Software Engineer *Dec 2017 - Oct 2018*
 - **Migrated all legacy services:** I Participated in migrating project for all legacy services.

HONORS & AWARDS

- **Software Development Hackathon**
 - [1st prize] 15th AppJam Issued by Seoul Digital Foundation - Mar 2018
 - [3rd prize] 14th AppJam Issued by Seoul Digital Foundation - Dec 2017
- **Algorithm Contest**
 - [1st prize] 1st Algorithm Contest - Issued by Semyeong Computer High School - Nov 2016
 - [Special prize] 3rd Algorithm Contest - Issued by Nexon - Aug 2018
 - [5th prize] 3rd Algorithm Contest - Issued by Kookmin University. Aug 2018
- **Software Development Contest**
 - [3rd prize] Smarteen App Challenge 2017 - Issued by SK techx - Nov 2017

CONTRIBUTIONS

- **Spring Projects:** 2 merged tasks link
- **Rails:** 1 merged task link
- **Refined Github:** 3 merged tasks link
- **Oj:** 1 merged task link
- **Connect Mongo:** 1 merged task link

EDUCATION

- **Kookmin University**

Bachelor of Science in Computer Science; Major GPA: 3.69

Seoul, South Korea

Drop-out