



# Hyerin Moon

Software Engineer / Berlin, Germany

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## Technical Skills

- Front-end: TypeScript(JavaScript), React, Redux, Jest, React-Native, d3.js, SCSS, Figma
- Back-end: node.js, express.js, Java

## Experience

### Ailys Inc., Republic of Korea – Software Engineer

APR 2021 – JUN 2022

- Software Engineering Units (APR 2021 – JUN 2022)
  - Played a key role in the major improvement of visualizations complex machine learning data into visually convenient charts using various libraries such as **Highchart**, **Ag-grid**, and **d3.js**
  - Advanced and developed the time-series results section and reorganized the database for new category of results
  - Created file-related functions to enhance user experience by facilitating the extraction of machine learning modeling results
  - Optimized data file upload process by migrating it to background jobs, reducing latency and improving user experience
  - Implemented diverse components of the modeling preset section on the client-side and optimized frequently used components, resulting in significant improvements in efficiency and user experience

### Youl System Inc., Republic of Korea – Software Engineer

MAR 2020 – APR 2021

- Smart Factory Platform Project (JUN 2020 – APR 2021)
  - Initiated and developed the web-based management system which provide the view of machinery used in actual factories with **JavaScript,express.js** and **Autodesk platform service**([link](#)) for secured new project
  - Built dashboard with integrated real-time data from sensors to provide users with a comprehensive view of the machinery's performance
  - Leveraged JavaScript-based libraries including **Three.js**, **Chart.js** and **Splitter** to optimize performance and enhance user experience
- Digital Twin Solution Team (MAR 2020 – JUN 2020)
  - Developed a rule check system that utilizes BIM models for architectural sites using **VanillaJS** and **node.js**, provided technical support and training to clients for successful implementation and use of the system
  - Played a key role in increasing the company's promotional effect through attending various exhibitions and media exposure

### Elice, Republic of Korea – Technical Teaching Staff

MAR 2023 – APR 2023

- Taught basic and advanced concepts of web development such as HTML, CSS, and Javascript
- Helped the students solve their practical assignments which related to web front-end development

## Education

- JAVA Software Developer Training Course, KH IT Academy, Seoul JUL 2019 – FEB 2020
- Advertising and Public Relations, College of Social Sciences, Dankook univ., Yongin MAR 2012 – JUL 2017