Hailee(Hyerin) Moon

Software Engineer / Berlin, Germany

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Technical Skills

- Front-end: TypesScript(JavaScript), React, Redux, Jest, React-Native, d3.js, SCSS, Figma
- Back-end: node.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 to display modeling results for the new category
  - 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 website 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 3D model management system to display the shape of machinery used in actual factories, enabling visualization of complex machinery in a web-based environment for secured new project
  - Integrated real-time data from IoT sensors attached to the machinery 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)
  - Initiated and developed the data visualization dashboard for the utilization of BIM models in architectural sites, built with **VanillaJS** and **node.js**, for architecture clients to launch new markets
  - Maintained the scalable and consistent UI library using atomic design principles
  - Played a key role in increasing the company's promotional effect through attending various exhibitions and media exposure

Education

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