



# Ahyoung Ryu



Software Development Engineer @ Seoul, South Korea






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## Introduction

Dynamic and results-driven Senior Software Engineer with nearly 9 years of experience in software engineering, predominantly in high-growth startup environments.

Proven track record in leading development projects, driving product innovation, and enhancing user experiences. Adept at balancing technical expertise with a strong business acumen, consistently considering the strategic direction and impact of the products developed. Passionate about leveraging technology to drive business success and create meaningful, positive impacts in the world.

## Experience & Education

- 1** **Sendbird Senior Software Engineer**  
Full-time / Mar 2023 - Present  

- 2** **TossBank Front-end Engineer**  
Full-time / Apr 2021 - Feb 2023  

- 3** **Lunit Front-end Engineer**  
Full-time / Mar 2020 - Apr 2021  

- 4** **Zepl Software Engineer**  
(Zepl is acquired by DataRobot)  
Full-time / Mar 2016 - Mar 2020  
Internship / Aug 2015 - Feb 2016  

- 5** **Bachelor's Degree**  
Sookmyung Women's University, Computer Science 2012 - 2016  


## Tech Skills & Tools

- **Programming Languages:** Typescript, JavaScript
- **Frameworks & Libraries:** React, Next.js, Node.js, Vite, Rollup, Webpack
- **CI/ CD:** Vercel, WebdriverIO, Appium, Cypress, Github Actions
- **Other:** Github, Notion, Slack, Jira

## Languages

- Korean (Native)
- English (Professional working proficiency)

## Professional Experience

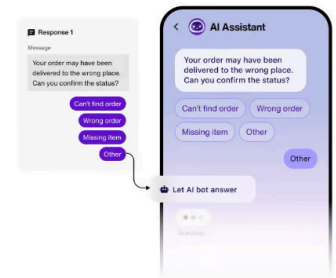
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### Sendbird

Senior Software Engineer

March 2023 - Present

- Maintained and developed Sendbird's UIKit React, which abstracts Sendbird's APIs for chat, voice, video, AI chatbots, SMS, WhatsApp, KakaoTalk, and in-app notifications. These UI Kits save developers' time by handling operational complexities and providing easy-to-use software interfaces.
- Led the development of the [Sendbird AI Chatbot service](#) from the Proof of Concept (PoC) stage to its launch. The AI Chatbot powers autonomous conversations, significantly boosting productivity and customer satisfaction.



### TossBank

Front-end Engineer

March 2020 - April 2021

- Developed and managed the front-end for personal loan products, contributing from the pre-launch phase.
- Implemented an abstract function for web-to-app communication and developed communication modules between web scraping and front-end.
- Collaborated with a team of backend engineers, data analysts, and product designers to enhance user funnels through experimentation.
- Improved compliance management by developing a single-source CRUD API and notification system using Node.js, React, and Slack API.
- Established mobile e2e testing environments using WebdriverIO, Appium, and Github Actions.
- Fostered a strong front-end development culture through onboarding, mentoring, and leading study sessions.

# Lunit

Front-end Engineer  
March 2020 - April 2021

- Developed the Scope Annotation Tool, integrating new features such as AI-Assisted mode within a short time frame.
- Led the design, development, and maintenance of Scope IO (Immuno-oncology) and Scope Visualizer tools using Typescript, React, and related technologies.

# Zepl

Front-end Engineer  
August 2017 - March 2020

- Improved [Apache Zeppelin](#) notebook(Web-based data analysis tool) rendering performance and big data graph rendering, enhancing user experience and reducing application response time.
- Migrated key components from AngularJS to React, simplifying debugging and reducing development time.
- Contributed significantly to Apache Zeppelin as a committer, enhancing both front-end and back-end functionalities.

# Zepl

Software Development Engineer  
August 2016 - August 2017

- Contributed to the development of the [Apache Zeppelin](#) interpreter management page and various other UI/UX improvements.
- Developed an online package repository using Node.js and AWS Lambda.

# A tutor [@FastCampus](#) online lecture platform

- 2018.05 - 2018.06 11 hours in total
- "Apache Zeppelin Environment" section leading
- [Lecture intro](#)
- [Tutor interview blog post](#)
- [Lecture materials](#)

