

# Sungmin Lee | Software Engineer

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## TECHNICAL SKILLS

JavaScript (ES6+), Typescript, Python, React, Next.js, Redux, Node, Flask, Express, HTML5, Tailwind, Git Flow (Version Control), Relational databases, RESTful API, AWS, WebSockets, React-Testing Library

## WORK EXPERIENCE

### Good Work Hub | Full Stack Software Engineer | 2023-Present

- Developed a data collection form to optimize client companies' operations, supporting activities such as website development and grant matching.
- Assumed leadership responsibilities, including leading stand-up meetings and retrospectives, conducting code reviews, and assisting fellow developers with deployment.
- Undertook research initiatives and harnessed the power of OpenAI and Langchain technologies to help charities pinpoint grants that align with their qualifications.

### Echo Web LLC | Frontend Engineer | 2023-Present

- Collaborated with a team of engineers to develop dynamic websites for clients within tight deadlines.
- Worked closely with UX designers to ensure the websites were user-friendly and visually appealing.
- Implemented Tailwind CSS to streamline the development process, improve website responsiveness, and ensure accessibility for all users.

### The Muse Duo (themuseduo.com) | Frontend Engineer | 2022-Present

- Worked with founders to create a responsive and functional portfolio site to capture leads and manage reservations.
- Refactored legacy code to utilize modern solutions, and converted files to use Typescript.

### Amabile School of Music | Music Teacher | 2019-Present

- Mentored and guided 50+ students to understand and perform music.
- Developed course material to create an engaging and excited learning environment.
- Facilitated group learning activities to foster collaboration and teamwork.

## OPEN-SOURCE PROJECTS

### Groundbnb | Home listing & bookings app

[Live](#) | [Github](#)

- Developed a reliable booking system with comprehensive error handling to provide users with a seamless experience.
- Leveraged modals in React to streamline the booking process and provide a user-friendly interface.
- Improved the performance of the application by utilizing cleanup functions within the useEffect hooks.

### Harmonious Voice | Chat system with text channels

[Live](#) | [Github](#)

- Collaborated with two other developers and participated in daily SCRUM meetings.
- Manipulated HTML form submit buttons to prevent incorrect data submission.
- Employed Flask Forms to validate data and prevent invalid data from being sent to the database.

### Cloneagram | Social Media Platform

[Live](#) | [Github](#)

- Implemented web sockets with Socket.io for real-time chat.
- Utilized AWS S3 for post image storage, resulting in an increase of scalability and upload speed.
- Built user search functionality with Redux thunks that constantly call the API based on the user's input.
- Initiated various media queries for a responsive design.

### Betternote | Note taking app

[Live](#) | [Github](#)

- Worked in tandem with a fellow developer to develop an application using the PERN stack and a pair programming approach.
- Optimized note editing functionality by integrating Redux thunks, enabling real-time updates to the database based on user input.
- Established a many-to-many relationship between tags and notes for enhanced organization and categorization.

## EDUCATION

App Academy, Fullstack Web Development

San Francisco Conservatory of Music, Masters | Music Performance

Eastman School of Music, Bachelors | Music Performance

## COURSE COMPLETIONS

React Testing Library and Jest - The Complete Guide | Udemy (Issued May 2023)

Mastering TypeScript - 2023 Edition | Udemy (Issued Mar 2023)

Build Responsive Real - World Websites with HTML and CSS | Udemy (Issued Dec 2021)