

# Sungmin Lee | Software Engineer

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## SUMMARY

Fullstack software engineer with 3+ years of experience building scalable web applications using React, Next.js, Node, and TypeScript. Proven track record of shipping production features, collaborating with stakeholders, and leading triage and architecture discussions in startup environments. Comfortable working across the stack—from frontend UI components to serverless APIs deployed on AWS and Azure.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Python

**Frontend:** React, Next.js, Redux, Tailwind CSS, MUI

**Backend:** Node.js, Express, Django, Flask

**Databases:** PostgreSQL, SQLite, Firebase, Supabase

**DevOps & Cloud:** AWS, Azure Functions, Docker

**Testing:** React Testing Library, Jest, Pytest

**Other:** RESTful APIs, WebSockets, Git/GitHub, Git Flow

## PROFESSIONAL EXPERIENCE

### Arkane Digital | Associate Developer | 2024-Present

- Built modular, production-grade components using Next.js and TypeScript, reducing UI code redundancy.
- Developed scalable serverless APIs with Azure Functions, boosting payload handling and client-backend integration.
- Led technical triage, defined architecture direction, and prioritized feature development in a fast-paced startup.
- Designed and implemented a scalable roles and permissions system to support fine-grained access control across multiple product areas.
- Collaborated directly with stakeholders to address bugs, update styles, and implement usability improvements.
- Presented biweekly sprint demos to business stakeholders, clearly communicating story outcomes and technical rationale.

### Good Work Hub | Software Developer | 2023-2024

- Developed a reusable form system that improved internal workflows for client companies and grant applications.
- Acted as Scrum Master: led standups, retros, code reviews, and supported teammates with deployments.
- Designed and implemented robust CRUD systems to expand product functionality and user engagement.
- Established unified testing protocols, enhancing software reliability and lowering bug rates.
- Contributed to the early-stage grant-matching system for \$50B+ in funding, using AWS Lambda and EventBridge.
- Developed a role-based permissions system to strengthen app security and user access control.
- Refactored project structure to improve maintainability and developer onboarding speed.

### Echo Web LLC | Frontend Engineer | 2023

- Collaborated with developers and designers to deliver responsive, accessible client websites under tight deadlines.
- Used Tailwind CSS to streamline styling and ensure consistent, mobile-first design standards.

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

- Taught and mentored 50+ students in music performance and theory.
- Designed customized lesson plans and led group classes to foster collaboration and engagement.

## 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 - (Udemy)

Mastering TypeScript - (Udemy)

Build Responsive Real-World Websites with HTML and CSS (Udemy)