

## WORK EXPERIENCE

**Playlab AI** **Remote**  
**Senior Software Engineer (Contract)** February 2024 - March 2024  
• Maximized the platform's potential by utilizing generative AI and built new features to enhance functionality and user experience, empowering educators and students to craft impactful AI-driven educational tools, used by 4,000+ users and 100,000+ interactions

**Need Inc** **Los Angeles, CA**  
**Founding Engineer (Seed - Series A)** June 2022 - February 2024  
• Launched an innovative cancer protection mobile app of 210,000+ users offering healthy, treatment, and survivor modules for policyholders from Hanwha Life Insurance, a major Korean cancer insurance partnership  
• Implemented pixel-perfect core features within a clean architectural pattern for a medical multidisciplinary web platform, connects 400+ clinicians worldwide on a global scale, facilitating optimal cancer outcomes through a scalable and distributed environment  
• Managed a company internal tool web app for operations, ensuring streamlined hospitals, clinicians, and policyholders management  
• Built a tailored Role-based Access Control (RBAC) management system to enhance security by regulating access for authorized users

**StudioMate** **Seoul, Korea**  
**Software Engineer** December 2020 - July 2021  
• As one of 3 engineers, built a hybrid mobile app by migrating from legacy Android/iOS native code to a modern architectural codebase using React Native and launched the new version of the product in the market with newly defined UI and UX  
• Enhanced a mobile-based real-time reservation system for 2,000,000+ studios and 1,200,000+ users (Monthly reservation 4,500,000+)  
• Upgraded the official website to another level for studio owners for better brand awareness and marketing promotion

**HUIINNO** **Seoul, Korea**  
**Frontend Software Engineer** June 2020 - November 2020  
• Led a project on building a new version of a clinical web app for medical staff from start to finish featuring ECG (Electrocardiography) measurement monitoring, AI-based ECG analysis result diagnosis, and efficient patient management. Demonstrating the product attracted to investment of 50 million dollars from an investor, Yuhan Corporation, a Korean major pharmaceutical and chemical company  
• Collaborated with clinical technologist, product and designers to ensure implementation of the requirements and features are met, and engineering team to connect with backend works as leading the core project

**FOREVER21** **Los Angeles, CA**  
**Application Developer** June 2019 - March 2020  
• Implemented a fundamental relational data model for e-commerce promotion and collaboration works with other partner brands  
• Analyzed and evaluated the company's internal tool, and solved technical issues in the system with enhanced fulfillment processes  
• Daily updated photos, banners, images, and text content on Europe, Mexico, Canada, Korea, and UK official websites

**TALK Schools** **Boston, MA**  
**Enrollment Specialist at Global Sales Team** December 2017 - July 2018  
• Admissions for international students with general information and promotions for students' enrollment and promoted overseas sales to businesses and marketing promotions that led to increased sales with 300+ customer inquiries

## PROJECTS

**Lines** **Los Angeles, CA**  
**Founder · Engineering** June 2023 - Present  
• Building an aesthetic mobile app dedicated to fostering mental health and wellness through the power of journaling

**KoreanPocket** **Cambridge, MA**  
**Founder · Engineering** August 2017 - September 2019  
• Started from ideation to product completion of a user-friendly language learning mobile app by designing the wireframe layout to start  
• Managed development, prioritizing UX and the software life cycle, leading to a successful market launch with 200+ active users

**Stipop (YC S21)** **Seoul, Korea**  
**Founding Engineer** July 2016 - August 2016  
• Designed the founding architecture of data models for core features, wrote the majority of SQL queries to create databases and generated migrations for better data ingestion and operations

## SKILLS

TypeScript · JavaScript · React · React Native · Expo · GraphQL · Golang · PostgreSQL · Android · iOS · Java · XML · C++ · C# · C · .NET · SQL · Docker · GCP · HTML · CSS · EJS · Node.js · GitHub · MFC · RBAC (Role based Access Control) · Redux · React Query · Zustand · Angular · Figma · Google Firebase · Google BigQuery · RudderStack · Pulumi · Elasticsearch · REST API · Tailwind CSS · Remix · Prisma

## EDUCATION

**Sungshin Women's University** **Seoul, Korea**  
Bachelor of Engineering in Computer Science