

SUMMARY

Frontend Engineer with 3+ years of experience. Solo-built a full-stack platform serving 60K+ MAU – React 19 PWA with 40+ pages, companion Android app, and a serverless backend with 140+ API routes.

EXPERIENCE

- **Software Engineer** Apr 2022 – Present
StoneLab, Seoul, South Korea
 - Built npbeats interactive music platform (React, TypeScript, Tone.js, Wavesurfer.js) with real-time audio synthesis, waveform visualization, and Redux state management
 - Developed StoneLab corporate website (Next.js 15, GSAP animations) with responsive design, deployed on Vercel
 - Led frontend on FeelFlow cross-platform mental health app (Expo, React Native) with Zustand state management and Storybook component library
 - Built ARIA Wellness landing page with Material 3 design, bilingual support (EN/KR), and accessibility compliance
 - Mentored a freelancer and an intern on architecture decisions and code review practices

PROJECTS

- **Spiko – AI English Exam Coaching App** (spiko.uz)
 - Built a full-stack platform serving 60K+ MAU with a React 19 PWA (40+ pages, 16 Zustand stores, TanStack React Query)
 - Developed admin panel with full CRUD for 4 exam types including audio upload to R2 and markdown bulk import
 - Implemented offline-first vocabulary module with Dexie.js (IndexedDB) and SM-2 spaced repetition algorithm
 - Built internationalized UI (en/uz/ru) with i18next and dark mode support
 - Developed companion Android app (Kotlin, Jetpack Compose) with 20 feature modules and 4 home screen widgets
 - Architected serverless backend (Cloudflare Workers, Hono, D1) with 140+ API routes and 100+ database tables
- **Open Source Contributions**
 - Published uzpay, a zero-dependency TypeScript SDK for 3 Uzbek payment providers with ~80 weekly npm downloads (npm/uzpay)
 - Contributed type regression tests to Hono web framework (30K+ stars), fixing route type inference bug (#4722)

SKILLS

- **Languages:** TypeScript, Kotlin, Dart
- **Frontend:** React, Next.js, Vite, Zustand, Redux Toolkit, TanStack React Query, Material UI, i18next, Expo, React Native
- **Tools:** Git, Firebase, Cloudflare Workers, Vercel, PWA

EDUCATION

- **B.S. Computer Science and Engineering** 2024
Ulsan National Institute of Science and Technology (UNIST)