

Parvej Sikdar

Frontend Engineer | React.js · Next.js · React Native

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PROFESSIONAL SUMMARY

Frontend engineer with **5+ years** building **React**, **Next.js**, and **TypeScript** products for booking and payments platforms, plus **React Native** apps. As sole frontend engineer, served **29,000+ students**, shipped real time booking status over **WebSockets**, and processed **36,000+ payments**. Focused on performance, auth, and reliable state.

SKILLS

Frontend: React, Next.js (App Router, SSR, ISR, React Server Components, Middleware, Route Handlers, Turbopack), Tailwind CSS, CSS Modules, Styled Components, Shadcn/ui, Radix UI, Framer Motion, HTML, CSS.

Animation & Graphics: Framer Motion, GSAP, SVG Animation, HTML5 Canvas, WebGL.

Mobile: React Native, Expo (Router, EAS Build, OTA).

Databases: Firebase (Firestore, Auth, Storage).

Payments: Stripe (Checkout, Connect, Subscriptions, Webhooks, PaymentIntents, 3D Secure).

State & Forms: Redux Toolkit, Zustand, Context API, SWR, TanStack Query (React Query), React Hook Form, Formik, Yup, Refresh tokens, Protected routes.

Auth & APIs: RESTful APIs, GraphQL, WebSockets, Server-Sent Events, NextAuth, JWT, Google OAuth, Apple Sign In, Google Maps.

Monitoring & Analytics: Google Tag Manager, GA4, Meta Pixel, TikTok Pixel, Microsoft Clarity, Core Web Vitals.

Tools: Git, GitHub, Jira, Jest, React Testing Library, Cypress, CI/CD, Vercel, Figma.

Practices: Agile, Scrum, Code Reviews, Security Best Practices.

Languages: JavaScript (ES6+), TypeScript.

Other: Fluent in English, Remote Team Collaboration.

PROFESSIONAL EXPERIENCE

MuseCool Ltd. - UK & USA (Remote) - Frontend Engineer

DEC 2024 - JUL 2026

- Owned frontend architecture as **sole engineer** across production codebases serving **14,000+ students** and **2,000+ tutors**.
- Enabled **27,000+ Stripe transactions** through **3D Secure checkout**, **Connect** onboarding, payouts, and recurring billing.
- Engineered **Google Maps** tutor discovery with Places Autocomplete, Geocoding, and embedding based recommendations.
- Improved **Core Web Vitals**, page speed, and **SEO** through code splitting, image optimisation, and lazy loading.
- Integrated third party **CRMs**, **REST APIs**, **Google OAuth**, and **Apple Sign In** with secure token storage.
- Shipped cross platform **React Native** apps to the **App Store** and **Google Play**, owning release cycles.

Lycaenum Music Ltd. - London, UK (Remote) - Front End Developer

APR 2022 - NOV 2024

- Developed responsive, interactive UI with **React** and **Tailwind CSS**, translating **Figma** designs into production interfaces.
- Led **code reviews**, sprint distribution, and mentoring of junior developers, enforcing **coding standards** team wide.

LIVE WEB PROJECTS

Student Lesson & Payments Platform (Primary Client Web App)

Replaced a manual, password-heavy booking journey with a **self-service flow** covering authentication, tutor discovery, checkout, and subscriptions. Serves **14,000+ students** and has supported **96,000+ lessons**, with search-to-checkout completed in **under 45 seconds**.

Live: <https://app.musecool.com/>

Lycaenum Admin (Internal Operations & Payments Console)

Built MuseCool's **30+ module** operations console, reducing manual admin workload by **~48.75%** and refund processing time by **~35%**. Consolidated **Stripe payments, tutor matching, lifecycle management, and tutor onboarding**, supporting **2,019 tutor onboardings** and daily use by **~25 operations and finance staff**.

Live: <https://admin.lycaeum.co.uk/>

LIVE MOBILE PROJECTS

Consumer Learning & Subscription App (React Native / Expo)

Built MuseCool's cross-platform student app as a **hybrid native shell**, embedding learning content through **WebView** with a **two-way JavaScript bridge** and shared authentication. Shipped **two subscription tiers** with iOS and Android in-app purchases, serving **40K+ monthly active users** at **99.7% crash-free sessions** and **800+ paid subscribers**.

Play Store: [Subscription app](#) App Store: [Subscription app](#)

PORTFOLIO PROJECTS

SikdarMart (Next.js · Agriculture E-Commerce)

Agricultural e-commerce storefront modelling how farm supplies sell in Bangladesh: **unit-weight pricing**, local crop-variety search, and the **VAT and delivery rules** generic templates miss. Built on a **server-rendered catalogue** with a persistent cart, wishlist, and validated checkout.

Live: <https://agriyo.netlify.app/>

EDUCATION

Begum Rokeya University, Rangpur - BSc in Computer Science and Engineering (2023)

LANGUAGES

English - Professional working proficiency | Bangla - Native language