

TRXBE

Software Engineer

1) About TRXBE

Welcome to TRXBE! TRXBE is a pre-revenue, pre-funding, social-music startup with a functional app that is ready for beta-testing. You can learn more at <https://trxbe.co>.

On TRXBE, every interaction begins with the music you love. This allows TRXBE to sidestep the toxicity that defines so much of the online world. There are no algorithms pushing outrage, no incentives for argument—just the timeless human impulse to form connections with people who love the same music that you do. In an era of division, TRXBE is a simple, hopeful idea: music as the thread that unites us.

2) Job Summary

The **Full Stack Engineer** will play a pivotal role in developing, maintaining, and refining TRXBE's social-music platform as it moves into beta testing and public launch. Working directly with the CTO and Product Lead, you'll own end-to-end feature delivery—from UI components and API integrations to database and deployment optimizations.

This is a hands-on role for a developer who's passionate about building beautifully structured, performant applications.

Key Responsibilities

- Develop, test, and deploy new features across TRXBE's frontend and backend architecture.
- Collaborate with Product and UX to translate wireframes and user stories into high-quality, responsive code.
- Work with the CTO to maintain system architecture, ensure scalability, and support integrations with third-party APIs (Spotify, Firebase, Meta, TikTok).
- Build secure, efficient REST APIs and real-time WebSocket features using Node.js and Express.

- Implement and manage authentication, session handling, and user data security (Firebase SDK, Passport.js, bcryptjs, Helmet).
- Integrate and maintain TRXBE's PostgreSQL database using Drizzle ORM and Drizzle Kit migrations.
- Write type-safe, maintainable code in TypeScript for both frontend and backend services.
- Ensure performance, accessibility, and reliability across browsers and devices.
- Contribute to code reviews, technical documentation, and best practices for continuous improvement.
- Collaborate closely with the Growth and Product teams to support data analytics, caching, and experimentation infrastructure.

3) Required Skills

- Strong proficiency in **React 18+, TypeScript, and Node.js** with production-level experience.
- Experience building and maintaining applications using **Express.js, PostgreSQL, and modern ORMs** (Drizzle, Prisma, or similar).
- Familiarity with **Firebase Authentication, Google Cloud Storage**, and real-time frameworks such as **Socket.IO**.
- Deep understanding of **frontend state management** and data-fetching libraries (TanStack Query, React Query, SWR).
- Expertise in modern CSS frameworks and component libraries, ideally **TailwindCSS, Radix UI**, and **shadcn/ui**.
- Experience implementing secure authentication, rate-limiting, and input validation using libraries such as **Zod, Helmet**, and **Express Rate Limit**.
- Strong debugging, testing, and performance optimization skills (Vite, Jest, or similar).
- Ability to work in a fast-paced, collaborative environment, balancing short-term feature delivery with long-term maintainability.
- Bonus: familiarity with **Spotify Web API, RSS feed parsing**, or **music-related data systems**.

4) Qualifications

- **Minimum 5 years** of full-stack development experience with a strong emphasis on React and Node.js.

- Demonstrated success shipping production-ready web applications with modern frameworks and CI/CD workflows.
- Strong understanding of software architecture, scalability, and security principles.
- Ability to collaborate cross-functionally with designers, product managers, and non-technical stakeholders.
- Experience working in an early-stage or startup environment is preferred.
- Bachelor's degree in Computer Science, Software Engineering, or related field (or equivalent professional experience).

5) Additional Details

Location: Hybrid role with 1-2 in-office days per week in downtown-Atlanta.

Compensation: TRXBE is a pre-funding startup; compensation will be equity-based until capital is raised. This role offers the opportunity to join the founding team and help shape both the product and TRXBE's long-term success.

How to Apply: Thank you for your interest in TRXBE. I look forward to hearing from you and learning why you think you are the right person for this role. Please send a cover letter and resume to **howard@trxbe.co**

Availability: You should have a minimum of 20 hours a week to dedicate to TRXBE.