

DistrictIQ: Founding Product Engineer

Full-time | Milwaukee (Hybrid preferred) / Remote | Salary + Equity

About DistrictIQ

DistrictIQ builds intelligence products on top of messy public-sector data.

We ingest school board meetings, agendas, minutes, attachments, policies, bond-election data, district context, and related public records — then turn that into structured, actionable intelligence that K-12 vendors actually use.

Our stack spans Python data pipelines, browser automation, OCR/document extraction, LLM-powered enrichment, Supabase/Postgres, and a React/TypeScript frontend.

We are a founder-led company with real customers and growing revenue.

The Role

We're hiring a **Founding Product Engineer** to help build this system end to end.

This is **not** a narrow frontend role and **not** a pure backend/infrastructure role. You'll move across product UI, APIs, data pipelines, and production systems.

You'll work directly with the founder and have meaningful ownership over how the platform evolves.

The right person is comfortable with ambiguity, messy inputs, and real production responsibility.

Initial Focus (First 6 Months)

A major initial mandate is expanding DistrictIQ's data-acquisition and document-intelligence pipeline beyond K-12 into broader SLED (state, local, education) data sources.

This includes:

- Identifying high-value source systems, portals, and document patterns across SLED
- Building and hardening scrapers, connectors, and recovery flows
- Improving document extraction across PDFs, OCR, attachments, and inconsistent formats
- Designing normalization, provenance, and QA workflows
- Turning raw data into searchable, rankable, customer-facing product experiences

What You'll Do

- Build and scale scraping and ingestion systems in Python (browser automation + parsers)
- Work on OCR, PDF/document processing, and AI-assisted extraction
- Design and optimize Postgres/Supabase schemas, queries, and data models
- Ship frontend features in React/TypeScript (search, dashboards, alerts, admin tools)
- Build serverless and edge workflows (chat, alerts, exports, subscriptions)
- Improve observability, retries, QA, and reliability across pipelines
- Work directly with the founder on product direction and execution

What We're Looking For

- Strong experience in **React + TypeScript**
- Strong experience in **Python**
- Strong SQL and database design instincts (Postgres)
- Experience working with messy external data (APIs, scraping, ETL, documents)
- Ability to own work from idea → production → debugging
- Good product judgment and ability to simplify complex workflows
- Comfortable operating in a fast-moving, unstructured environment

Bonus Points

- Supabase, Vercel, React Query, Tailwind, shadcn
- Playwright, Selenium, OCR, PDF parsing
- Experience with embeddings, retrieval, or search systems
- Public-sector / SLED / education data experience
- Experience shipping LLM-powered features

Tech Stack

Python, Playwright, Selenium, OCR/PDF tooling, Supabase/Postgres, React, TypeScript, Vite, React Query, Tailwind, shadcn, Vercel, Supabase Edge Functions, alerting/email systems, and LLM APIs.

Why This Role

You won't be maintaining a polished SaaS app. You'll be helping define how DistrictIQ works — from data acquisition and intelligence generation to the product surfaces customers use every day. If you like clean problems with clean inputs, this isn't the role. If you like building high-leverage systems out of messy real-world data, it is.

Compensation

- Competitive salary with meaningful equity (founding team level)

Location

Milwaukee area preferred (hybrid), open to remote for the right candidate.

How to Apply

Send a short note to beka@districtiq.com with:

- What you've built (products, systems, or pipelines)
- Why this role interests you
- Anything you've worked on involving messy or real-world data