Jason Procka

Full-Stack TypeScript Engineer
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Professional Summary

Full-stack TypeScript and TanStack developer shipping production web apps on Cloudflare Workers, from database to deployment. Founder of Notai and creator of prisma-ltree, an open-source Prisma 8 extension featured in the official Prisma 8 Launch Series. Builds with TanStack Start, Router, Query, Form, Effect, and Cloudflare edge primitives, alongside custom Model Context Protocol (MCP) servers.

Technical Skills

Languages: TypeScript, JavaScript, SQL
Frontend: React, Next.js, TanStack Start, TanStack Router, TanStack Query, TanStack Form, TanStack Table, Tailwind CSS (v3, v4), shadcn/ui, Zustand, Immer
Backend: Effect, oRPC, Zod, Better Auth, Hono, Bun, Node.js, WebSockets
Data: PostgreSQL, Prisma, Neon, Cloudflare D1, PGlite
Cloud & DevOps: Cloudflare Workers, Durable Objects, R2, Hyperdrive, Alchemy (IaC), GitHub Actions, Changesets
AI: Model Context Protocol (MCP), Agent Skills, Multi-agent worktree orchestration, Cursor, Claude Code, Codex
Testing & Tooling: Vitest, Testing Library, Vite, Vite+, Oxlint, Oxfmt

Professional Experience

Independent Software Engineer
Self-employed, Minot, ND | May 2026 - Present

Full-stack product engineering, open-source library authoring, and edge infrastructure deployment.

- Deployed 5+ production web applications on Cloudflare Workers using Alchemy infrastructure as code, with automated preview environments for every pull request.
- Authored open-source Agent Skills and custom MCP servers, orchestrating multi-agent workflows across parallel git worktrees with strict test and type verification loops.

Lumber and Deliveries Associate
The Home Depot, Minot, ND | Oct 2019 - May 2026

Logistics operations, customer order fulfillment, and multi-facility inventory management across 3 warehouse locations.

- Lumber Associate (Oct 2019 - Apr 2022): Operated reach and sit-down forklifts across 3 warehouses to unload freight trucks and restock lumber, concrete, and millwork weekly; advised customers on project specs and precision cuts.
- Deliveries Associate (Aug 2022 - May 2026): Staged, audited, and loaded 20–30 daily delivery orders across 3 delivery vehicles and 1 commercial flatbed semi truck; resolved order discrepancies and inventory exceptions.

Projects

Notai
Creator | 2025 - Present

Public-domain digital library indexing 50+ curated works at notai.so

- Built on Cloudflare Workers using TanStack Start, oRPC, Effect, Prisma 8 on Neon, and R2, with 1,500+ tests.
- Built an OAuth-protected MCP server and Agent Skills that automated the ingestion and structuring of 50+ public-domain EPUBs into Sumi Portable Text.

Opul
Creator & Lead Maintainer | 2026 - Present

Open-source desktop media downloader built with Tauri and Rust

- Built an open-source desktop app combining a Tauri interface with an asynchronous Rust core engine (Tokio) orchestrating 10+ concurrent BitTorrent and yt-dlp downloads across user workspaces.

prisma-ltree
Author & Maintainer | 2026 - Present

Open-source Prisma 8 extension for tree-structured data in PostgreSQL (ltree)

- Engineered type-safe tree query operators compiling to native GiST-indexed PostgreSQL ltree SQL, replacing recursive CTE table scans with single-query O(log N) subtree lookups.
- Authored the official launch post for the Prisma Blog (Part 11 of 17 in the Prisma 8 Launch Series), garnering 1,900+ npm downloads across 10 releases with Changesets and npm provenance.

Education

B.A. Psychology, Minor in Philosophy
Minot State University | 2024

- Award for Distinguished Achievement in Philosophy