

Jason Procka

Full-Stack TypeScript Engineer

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Los Angeles, CA

Professional Summary

Full-Stack TypeScript and systems developer and featured contributor to the official Prisma 8 Launch Series. Creator of prisma-ltree (PostgreSQL hierarchical tree extension for Prisma 8), Notai (Effect, TanStack Start, and Cloudflare Workers platform with a custom MCP AI-agent EPUB ingestion pipeline), and Opul (native macOS SwiftUI and Rust media manager). Combines functional TypeScript (Effect, Zod, Jotai) and edge infrastructure (Alchemy, Durable Objects) with 2+ years of supervisory operations leadership.

Technical Skills

Languages: TypeScript, JavaScript, Rust, Swift, SQL

Web: React, TanStack, Jotai

Backend: Effect, Zod, Node.js

Data: PostgreSQL, Prisma, PostgreSQL ltree

Platform: Cloudflare Workers, Durable Objects, Alchemy

AI: Model Context Protocol

Professional Experience

Department Supervisor, Deliveries

The Home Depot, Minot, ND | May 2024 - Aug 2026

- Led daily operations for the store's Deliveries department, overseeing order staging, load sequencing, and on-time dispatch across commercial and residential fulfillment queues.
- Served as the primary escalation point for complex delivery exceptions, resolving customer fulfillment bottlenecks and cross-department inventory discrepancies in real time.

Projects

prisma-ltree

PostgreSQL ltree for Prisma Next

- Created prisma-ltree, one of the first community extension packs for Prisma 8, resolving a 6-year community feature request by bringing native PostgreSQL ltree hierarchical data types, path-validation codecs, and automated CREATE EXTENSION migrations to Prisma's control and runtime planes.
- Engineered type-safe TypeScript query operators (isDescendantOf, isAncestorOf, matchesLquery, matchesLtxtquery, lca) compiling directly to PostgreSQL <@, @>, and ~ SQL predicates, eliminating expensive WITH RECURSIVE CTE queries for arbitrary-depth trees.

Notai

Philosophical readings and audio

- Built and deployed Notai's full-stack web platform to Cloudflare Workers using React, TanStack Start, Jotai, Zod, Effect, and Alchemy, backed by PostgreSQL, Prisma 8, and prisma-ltree for nested collection hierarchies.

Opul

Native macOS download manager and media tool

- Engineered Opul, a native macOS download manager and media archiver combining a SwiftUI interface with a Rust core engine to orchestrate concurrent BitTorrent transfers and yt-dlp media extraction pipelines across isolated user workspaces.

Education

B.A. Psychology, Minor in Philosophy

Minot State University | 2024

- Award for Distinguished Achievement in Philosophy