Next.js migration

We've moved from TanStack Start to Next.js. Here's why it matters

July 28, 2025

🚀 Next.js Migration

We migrated from TanStack Start (older version - alpha) to Next.js — here's why

After building on TanStack Start for a while, we made the leap to **Next.js** — and the results speak for themselves.

We're on GCP.

📈 Performance Gains

We went from solid to stellar:

Metric	TanStack Start	Next.js
Performance	85	✅ 100
Accessibility	85	84
Best Practices	74	78
SEO	80	✅ 100
FCP	0.3s	0.3s
Speed Index	❌ 2.4s	✅ 1.1s
TBT	50ms	60ms
CLS	0	0

🧠 Why We Switched

Better SEO and performance out of the box with Next.js' built-in optimizations

Simpler mental model for routing, layouts, and deployment (yes for real)

Edge-ready and more compatible with our future plans (middleware, streaming, etc.)

Improved observability: CPU and memory usage became more stable and efficient after the switch

🔍 What Changed?

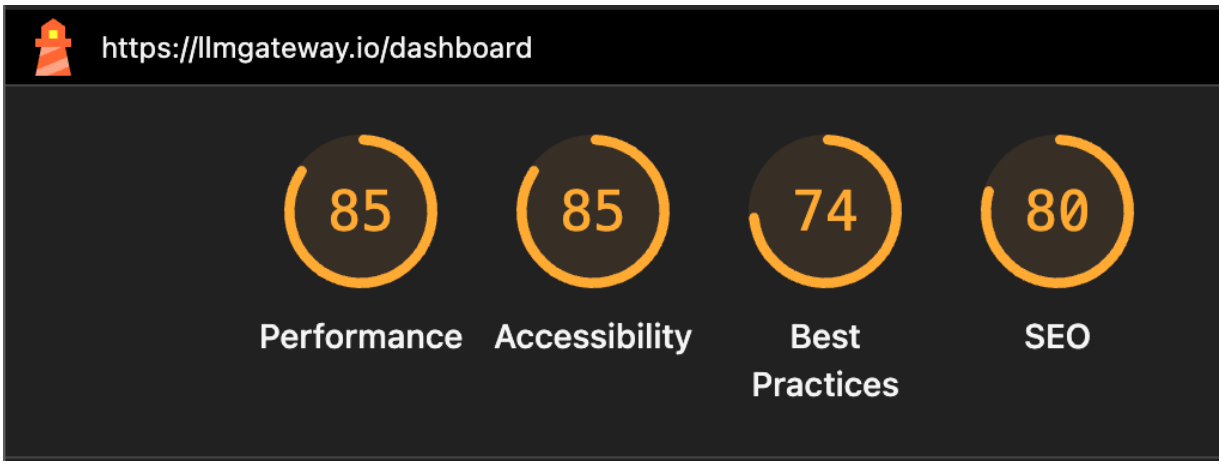
Before: Higher CPU + memory spikes, inconsistent rendering, lower SEO

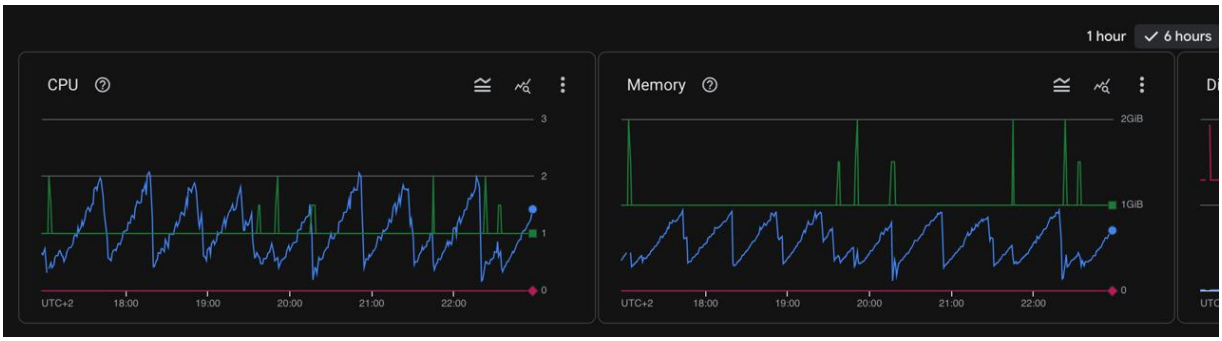
Now: Lower system resource usage, sub-1.2s paint speeds, and perfect Lighthouse scores in key areas

💡 We're just getting started, this migration sets the foundation for faster feature delivery, lower latency, and a smoother developer experience. More updates soon!

TanStack Start

First Contentful Paint 0.3 s	Largest Contentful Paint 1.2 s
Total Blocking Time 50 ms	Cumulative Layout Shift 0
Speed Index 2.4 s	





Next.js

First Contentful Paint	Largest Contentful Paint

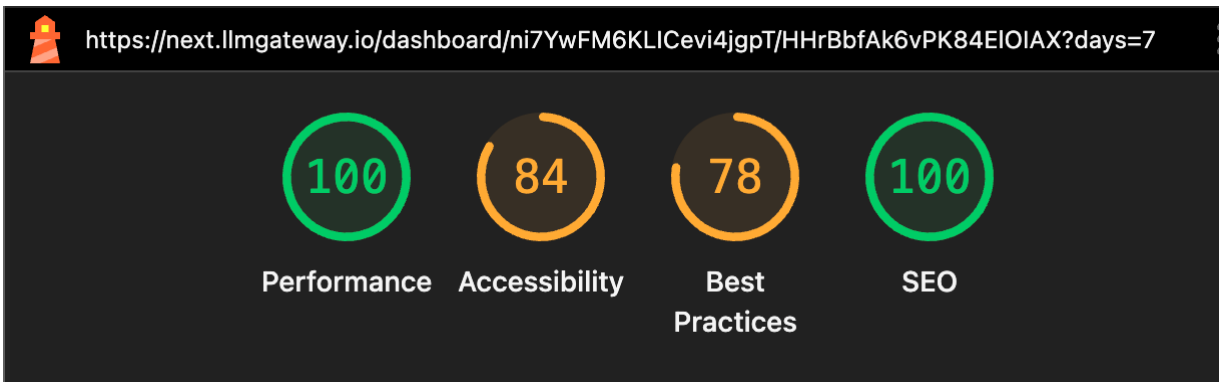
0.3 s

1.1 s

Total Blocking Time
60 ms

Cumulative Layout Shift
0

Speed Index
1.1 s



LLM Gateway

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