Summary

The recent migration focused on streamlining frontend assets, optimizing resource loading, and refining the rendering pipeline across three core pages (Home/index, Data Table with 0 entries, Data Table with 100 entries). The result is a markedly snappier experience—paint times halved on desktop, load time cut by nearly 50% on mobile, blocking scripts eliminated on desktop, and layout stability retained at perfect scores. These gains translate into faster perceived performance for end users, reduced bounce risk (especially on data-heavy views), and a stronger foundation for future feature roll-outs.

Overall Performance Score Improvements

Page	Device	Old Score	New Score	Δ Points
Index (Home)	Desktop	99	100	+1
	Mobile	83	97	+14
Table — 0 entries	Desktop	100	100	0
	Mobile	91	97	+6
Table — 100 entries	Desktop	100	100	0
	Mobile	83	92	+9

Category-by-Category Analysis

Index (Home) Page

Desktop

Sorted from greatest to least % improvement

- **Total Blocking Time:** 11 ms → 0 ms (−11 ms, **100%** reduction)
- **Cumulative Layout Shift:** 0.0023 → 0 (−0.0023, **100%** reduction)
- **Time to Interactive:** 775 ms → 327 ms (−448 ms, **58%** faster)
- **Largest Contentful Paint:** 745 ms → 327 ms (−418 ms, **56%** faster)
- **First Contentful Paint:** 714 ms → 327 ms (−387 ms, **54%** faster)

- **Speed Index:** 714 ms → 328 ms (−386 ms, **54%** faster)
- **Performance Score:** 99 → 100 (+1 pt, **1%** uplift)

Mobile

Sorted from greatest to least % improvement

- **Total Blocking Time:** 238 ms → 45 ms (−193 ms, **81%** faster)
- **Time to Interactive:** 3.23 s → 1.66 s (−1.57 s, **49%** faster)
- **Largest Contentful Paint:** 3.00 s → 1.55 s (−1.45 s, **48%** faster)
- **First Contentful Paint:** 2.89 s → 1.53 s (−1.36 s, **47%** faster)
- **Performance Score:** 83 → 97 (+14 pt, **17%** uplift)
- **Speed Index:** 4.39 s → 3.94 s (−0.45 s, **10%** faster)
- **Cumulative Layout Shift:** 0 → 0 (unchanged)

Table — 0 entries Page

Desktop

Sorted from greatest to least % improvement

- **Total Blocking Time:** 20 ms → 0 ms (−20 ms, **100%** reduction)
- **Time to Interactive:** 0.64 s → 0.37 s (−0.27 s, **42%** faster)
- **Largest Contentful Paint:** 0.61 s → 0.37 s (−0.23 s, **39%** faster)
- **First Contentful Paint:** 0.56 s → 0.37 s (−0.19 s, **34%** faster)
- **Speed Index:** 0.56 s → 0.37 s (−0.19 s, **34%** faster)
- **Performance Score:** 100 → 100 (no change)
- **Cumulative Layout Shift:** 0 → 0 (unchanged)

Mobile

Sorted from greatest to least % improvement

- **Total Blocking Time:** 159 ms → 90 ms (−69 ms, **43%** faster)
- **Largest Contentful Paint:** 2.40 s → 1.61 s (−0.79 s, **33%** faster)
- **First Contentful Paint:** 2.27 s → 1.61 s (−0.66 s, **29%** faster)
- **Time to Interactive:** 2.53 s → 1.93 s (−0.60 s, **24%** faster)
- **Speed Index:** 4.20 s → 3.79 s (−0.41 s, **10%** faster)
- **Performance Score:** 91 → 97 (+6 pt, **7%** uplift)

- **Cumulative Layout Shift:** 0 → 0 (unchanged)

Table — 100 entries Page

Desktop

Sorted from greatest to least % improvement

- **Cumulative Layout Shift:** 0.0002 → 0 (−0.0002, **100%** reduction)
- **Total Blocking Time:** 49 ms → 1.5 ms (−47.5 ms, **97%** reduction)
- **Largest Contentful Paint:** 0.62 s → 0.37 s (−0.25 s, **41%** faster)
- **Speed Index:** 0.61 s → 0.39 s (−0.21 s, **35%** faster)
- **First Contentful Paint:** 0.56 s → 0.37 s (−0.19 s, **35%** faster)
- **Time to Interactive:** 0.68 s → 0.47 s (−0.21 s, **31%** faster)
- **Performance Score:** 100 → 100 (no change)

Mobile

Sorted from greatest to least % improvement

- **Total Blocking Time:** 0.43 s → 0.26 s (−0.17 s, **39%** faster)
- **Largest Contentful Paint:** 2.42 s → 1.57 s (−0.85 s, **35%** faster)
- **First Contentful Paint:** 2.16 s → 1.49 s (−0.67 s, **31%** faster)
- **Time to Interactive:** 2.69 s → 2.07 s (−0.62 s, **23%** faster)
- **Performance Score:** 83 → 92 (+9 pt, **11%** uplift)
- **Speed Index:** 4.08 s → 3.91 s (−0.17 s, **4%** faster)
- **Cumulative Layout Shift:** 0 → 0 (unchanged)

Conclusions

- **Outstanding Wins:**
  - On **desktop**, paint metrics (FCP, LCP, Speed Index) now render under **0.4 s** across all pages—even with 100 rows—while blocking time has been virtually eliminated.
  - On **mobile**, FCP/LCP are down by **30–50%**, with table-heavy views now loading in under **1.6 s**, improving perceived speed and interaction readiness.