

JK Cargocare – Bug Fix Log (Local changes)

This document records where and what fixes were made for each bug from `bugs-and-improvements.md`. All changes are applied locally on branch `shriraj_dev` and are not committed yet. Each code edit includes a comment like `// BUG:-` next to the relevant change.

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1. Email field accepts invalid formats

- Severity: High
- Files:
 - `components/base_components/ContactForm.tsx`
 - `app/api/contact/route.ts`
- What changed:
 - Added `required`, `inputMode="email"`, and `pattern="^[^\\s@]+@[^\\s@]+\\.([^\\s@]+)\$"` on the email ``; also set `type="submit"` on button. [BUG-1]
 - Hardened server validation with Zod `.refine(...)` to block consecutive dots and leading/trailing dots in local/domain parts. [BUG-1]
 - A11y/SSR: Server and client validations align; aria attributes added for error states.
- Status: Resolved.

2. tel: links contain a leading space

- Severity: Medium

- File: `components/base_components/Footer.tsx`
- What changed:
- Normalized links to `tel:+918322556111` and `tel:+918322555777`; kept visible text unchanged. [BUG-2]
- Status: Resolved.

3. “Visit our official website” uses http

- Severity: Medium
- File: `components/base_components/Footer.tsx`
- What changed:
- Switched website href to `https://www.jkcargocare.com` and clarified aria-label. [BUG-3]
- Status: Resolved.

4. Duplicate contentinfo landmarks

- Severity: Medium (a11y)
- File: `components/base_components/Footer.tsx`
- What changed:
- Kept outer ``; demoted inner copyright block to a labelled `role="region"`. [BUG-4]
- Status: Resolved.

5. Active nav state not conveyed

- Severity: Low (a11y/UX)
- File: `components/base_components/Navbar.tsx`
- What changed:
- Added `aria-current="page"` for the active route; also increased tap target height. [BUG-5]
- Status: Resolved.

6. Mobile menu toggle not reliably discoverable/labelled

- Severity: Medium (a11y)
- File: `components/base_components/MobileNav.tsx`
- What changed:
- Accessible menu button with label, controls id, and $\geq 44 \times 44$ touch target. Menu items get `role="menuitem"`, `aria-current` on active; clearer link text. [BUG-6]
- Status: Resolved.

7. Touch targets below recommended minima

- Severity: High (a11y)
- Files:
- `components/base_components/Navbar.tsx`
- `components/base_components/MobileNav.tsx`
- What changed:
- Ensured nav/link tap targets meet ≥ 44 px height using utility classes. [BUG-7]
- Status: Resolved (navigation). Footer links can be expanded similarly if needed.

8. Horizontal overflow on narrow viewports

- Severity: Medium
- File: `app/globals.css`
- What changed:
- Added `overflow-x: hidden` to `html, body` as a safe global mitigation. [BUG-8]
- Notes: If any page still overflows, we'll remove page-specific fixed widths/negative margins.
- Status: Partially Resolved.

9. Keyboard focus order skips message field

- Severity: Medium (a11y)
- File: `components/base_components/ContactForm.tsx`
- What changed:
- Ensured the custom Select trigger is labelled and the value is controlled to avoid focus anomalies; DOM order is logical. [BUG-9]
- Status: Likely Resolved (verify during runtime).

10. Map iframe lacks a title

- Severity: Low (a11y)
- File: `components/Location.tsx`
- What changed:
- Added `title="JK Cargocare location map"` to the iframe. [BUG-10]
- Status: Resolved.

11. Duplicate phone/email as both text and links

- Severity: Low (a11y/UX)
- Recommendation:
- Keep a single linked instance, or mark one duplicate as `aria-hidden`. No code change yet pending content decision. [BUG-11]
- Status: Pending.

12. Primary nav hidden on mobile without clear toggle

- Severity: Medium
- File: `components/base_components/MobileNav.tsx`
- What changed:
- Clear menu button with accessible name and proper sizes; menu items are focusable and visible when open. [BUG-12]
- Status: Resolved.

13. SSR vs CSR mismatch risk in Service Interest dropdown

- Severity: Medium (SEO/a11y)
- File: `components/base_components/ContactForm.tsx`
- What changed:
- Removed conflicting `defaultValue` and used a single controlled `value` (falls back to empty string). [BUG-13]
- Status: Resolved.

14. CTA label vs destination mismatch

- Severity: Low
- Files:
 - `app/contact-us/page.tsx`
 - `app/page.tsx`
- What changed:
- Updated CTA label/aria-label to “Contact Us” when targeting `/contact-us`. [BUG-14]
- Status: Resolved.

15. Branding/title inconsistencies

- Severity: Low (SEO/brand)
- Files:
 - `app/about/page.tsx`, `app/services/page.tsx`, `app/industries/page.tsx`, `app/contact-us/page.tsx`
- What changed:
- Standardized titles to “ | JK Cargocare”; corrected OpenGraph `siteName`. [BUG-15]
- Status: Resolved.

16. Resource 404 during crawl

- Severity: Low/Medium
- What changed:
- Not reproducible from static scan; requires runtime network check to identify the missing asset. [BUG-16]
- Status: Pending (needs dev run and Network tab verification).

17. External link hardening (noopener)

- Severity: Medium (security hygiene)
- Files:
 - Verified in `components/base_components/Footer.tsx`
- What changed:
- All external target=_blank links include `rel="noopener noreferrer"`. [BUG-17]
- Status: Verified.

18. Address spelling/formatting inconsistent

- Severity: Low (content integrity)
- File: `components/base_components/Footer.tsx`
- What changed:
- Standardized address to: “Zuarinagar, Goa 403726, India.” [BUG-18]
- Status: Resolved.



Notes

- Accessibility: Added visible focus rings globally; nav/menu items have ≥ 44 px tap targets and proper aria.
- SSR/CSR: Removed mixed `defaultValue`/`value` in Select; titles standardized.

- Performance/Security: No bundle growth; external links hardened.
- No commits have been made. Ready to verify in a local dev run and proceed with pending Bug 11 and 16.