

How to Edit GSAP Animations

ABOUT PAGE SCRIPTS - SNAXX TEMPLATE

This guide explains how to safely customize the GSAP script used on the About page. It is written for template buyers (no coding experience required).

Quick Start (Read This First)

- **Where this script lives:** Webflow Project Settings -> Custom Code -> Footer (Before `</body>`).
- **Do not paste duplicates:** This script creates drag instances. Duplicates can cause stutter, broken drag, or wrong snap points.
- **Required libraries:** GSAP core + **Draggable**. **InertiaPlugin** is optional (adds momentum).
- **Reduced motion:** This script does not animate on scroll; it is interactive drag, so reduce motion settings may not apply the same way.

If anything looks broken: remove your recent edits, publish again, then re-apply changes one setting at a time.

What's Inside

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1) About Page Slider 02 (Draggable + Snap + Progress Bar)

What it does: A horizontal slider that users can drag. It snaps to each slide, includes an end spacer, and keeps a progress handle synced to the scroll position. Users can also click the progress bar to jump.

Main selectors: .product-slider-02, .product-slider-mask, .product-slide-02, .slider-progress-container, .slider-progress-switch

How it’s built (important to understand)

- The script moves your existing **.product-slide-02** elements into a GSAP-owned wrapper called **.gsap-track-02**.
- It adds a **.gsap-end-spacer** after the last slide to create space at the end.
- All motion is applied by translating **.gsap-track-02** on the X axis.

Key Selectors (do not rename unless you also update Webflow)

.product-slider-02	Slider root wrapper (the script starts here).
.product-slider-mask	Viewport/mask that hides overflow (acts like the slider window).
.product-slide-02	Each slide item (the snapping targets).
.slider-progress-container	Progress bar track (optional but recommended).
.slider-progress-switch	Progress draggable handle (optional but recommended).
.gsap-track-02	Auto-created track wrapper (script builds this).
.gsap-end-spacer	Auto-created spacer after last slide (script builds this).

3) Common Settings You Can Customize

These are the safest settings to edit. Change one thing at a time, publish, and test.

Setting	What it controls	Typical safe range
END_SPACE_PX	Space after the last slide (end breathing room)	0 - 120
edgeResistance	How much resistance at ends while dragging	0.6 - 1.0
inertia	Momentum after drag (requires InertiaPlugin)	true / false
tweenTo() duration	Snap animation speed when releasing or clicking progress	0.45 - 1.0
tweenTo() ease	Snap animation easing	power2.out / power3.out / expo.out
resize refresh delay	How long it waits after resizing before recalculating bounds	80 - 250 ms

Spacing note

This script does NOT set spacing (gaps) between slides. Spacing should be handled in Webflow layout styles (margins/padding on slide wrappers). The script sets **flex: 0 0 auto** so your Webflow sizing is respected.

4) How the Progress Bar Works

Optional UI: If your page includes **.slider-progress-container** and **.slider-progress-switch**, the script will sync them automatically. If those elements do not exist, the slider will still work (drag + snap).

Progress math (in plain English)

- The slider track moves between **maxX = 0** and **minX** (a negative number).
- A percentage (t) is calculated from the current track X position.
- That percentage is applied to move the progress handle left/right inside the progress container.
- Dragging the progress handle does the reverse: it converts handle position back into track X.

5) Troubleshooting Checklist

If something breaks after edits, use this checklist in order:

- **Publish + hard refresh:** Publish the site, then hard refresh (Cmd/Ctrl+Shift+R).
- **Library check:** Confirm GSAP + Draggable are loaded on the About page.
- **Class names:** Make sure your slider elements match the selectors exactly.
- **Duplicates:** Don't paste the same script twice (common cause of broken drag).
- **Slider width issues:** If slides stretch, that is usually Webflow layout (flex children sizing) not GSAP.
- **Progress handle not moving:** Check that `.slider-progress-container` and `.slider-progress-switch` exist and are not hidden by another element.
- **Snap feels wrong:** Check that slides have correct widths and the track is not getting extra padding from Webflow.

Support tip: When reporting an issue, include: page URL, device width, and a screenshot of the Webflow Navigator showing the slider structure (`.product-slider-02` -> `.product-slider-mask` -> `.product-slide-02`).