# The Celestia Museum of Space & Science Web Project

## About the Museum

The Celestia Museum of Space & Science is a community-focused educational center that celebrates astronomy and space exploration. We run movie nights about black holes, host stargazing events, and rotate exhibits pretty often. We need a simple way to keep track of what's currently on display, what was shown before, and what's coming soon.

Everything's in spreadsheets and sticky notes right now. We'd like a small system to store exhibit details, add new ones, and organize them by category so staff can find things quickly.

## Example

The Milky Way — Put on display: 2025-09-15
Description: The Milky Way is the spiral galaxy that humanity calls home, stretching more than 100,000 light-years across and containing hundreds of billions of stars, countless planets, vast clouds of gas and dust, and mysterious dark matter. From Earth, it appears as a hazy, luminous band that arcs across the night sky—an ancient sight that has inspired myths and stories across cultures. To the naked eye, this band is the combined light of millions of distant stars packed so closely that they blur together. At its core lies a dense region of stars and a supermassive black hole known as Sagittarius A*, with a mass equivalent to about four million suns, exerting a powerful gravitational pull that shapes the galaxy. From this hub, the spiral arms extend outward, filled with stellar nurseries where stars are born and remnants of those that have died; our Solar System sits in one of these arms, the Orion Arm, about 27,000 light-years from the center. The Milky Way is part of the Local Group of galaxies, alongside Andromeda and the Magellanic Clouds, and in about 4 billion years it will collide with Andromeda, reshaping both galaxies. Throughout history, cultures have seen it as spilled milk from the goddess Hera, a celestial river, or a road of souls, and it has guided explorers and storytellers alike. Today, it remains a source of wonder and scientific exploration, with

telescopes mapping its structure and space probes venturing beyond the Solar System, reminding us that every star in the night sky is part of the vast galactic neighborhood we call home.
Category: Planets
Tags: saturn, rings

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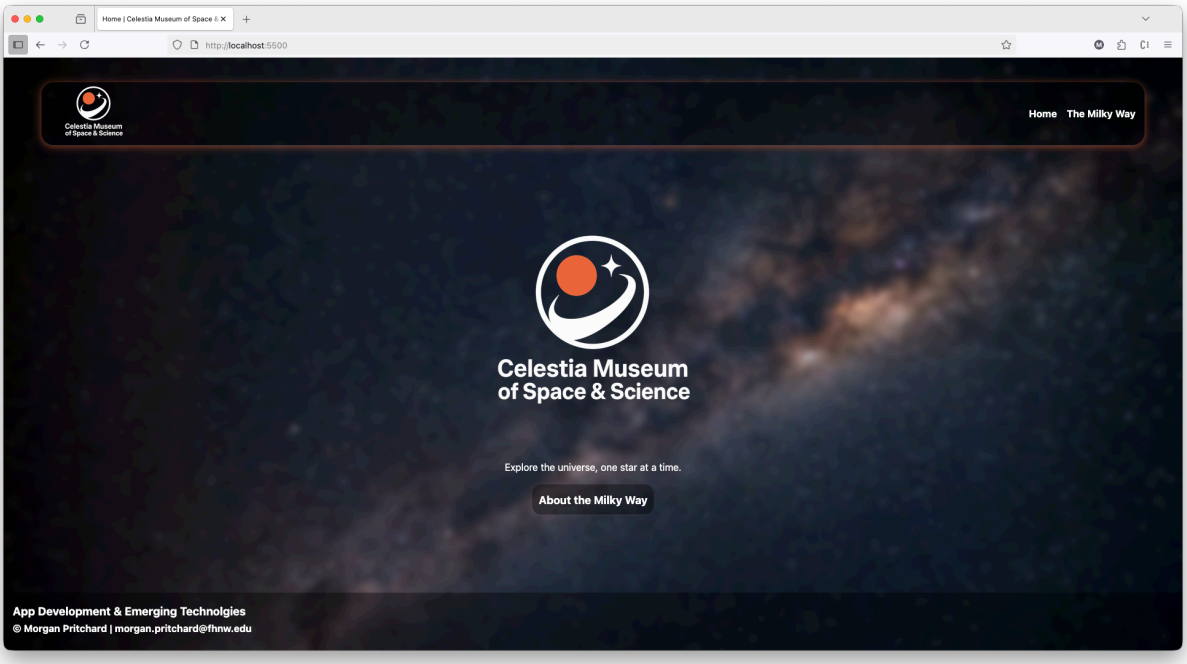
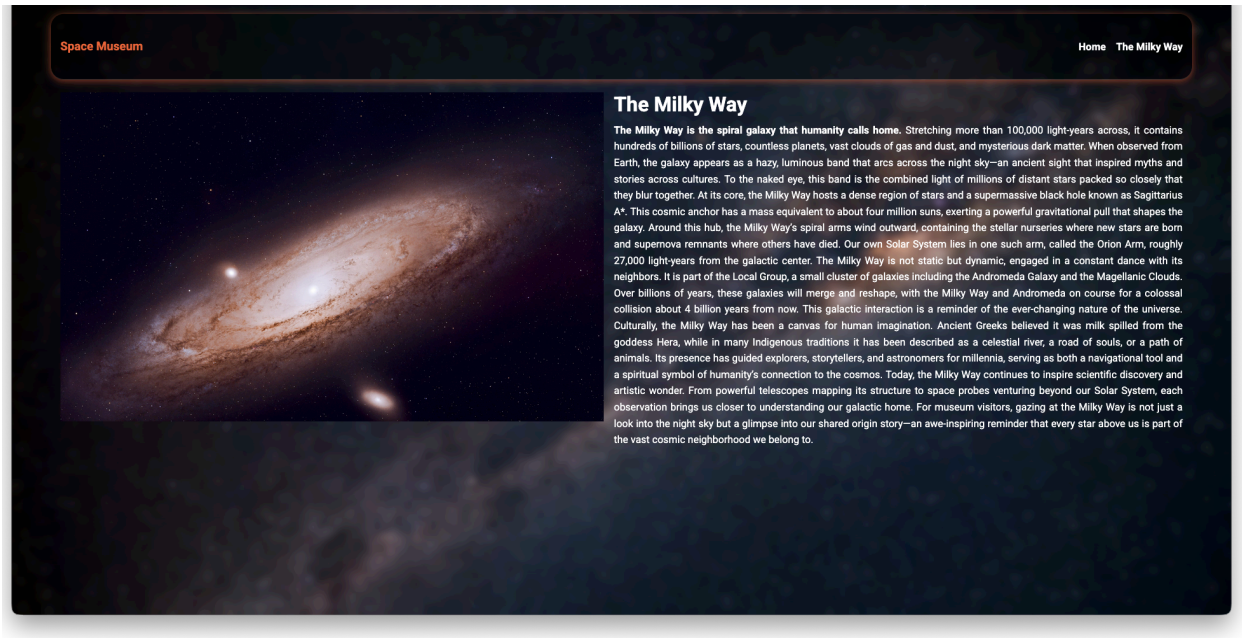
## Technical Requirements

UI: HTML/CSS
Hosting: No

# Home Page




# Exibit #1



(__/20) - Visual Fidelity to Provided Website

Overall look matches the reference: sizing, placement, alignment, and section order closely resemble the given site.

(__/20) - Page Structure & Semantics

Uses meaningful HTML (<header>, <main>, <section>, <footer>, headings) with a clear hierarchy that mirrors the reference.

(__/20) - Images & Media

Correct images used, properly cropped, no stretching; appropriate file sizes; all images include descriptive alt.

(__/20) - Code & Asset Organization

External CSS file is used; styles are grouped logically; repeated styles are put into shared classes instead of copy-pasted.

(__/20) - CSS Syntax & Validity

Code is free of syntax errors; proper use of braces, colons, semicolons, and selectors; stylesheet validates without breaking.

(__/20) - CSS Selectors & Specificity

Uses appropriate selectors (class, id, element) to target styles efficiently; avoids unnecessary over-specificity.

(__/20) - CSS Consistency & Reuse

Repeated styles are grouped into shared rules; avoids inline styles; consistent formatting (indentation, spacing, casing).

(__/20) - CSS Comments & Readability

Includes comments to explain key sections; formatting is neat and easy to follow.

(__/20) - Healthy commit history

Frequent, incremental commits with meaningful messages showing steady progress across the build.

(__/20) - Submission via Raspberry Pi URL

Site is hosted on the Raspberry Pi and submitted using a working URL that loads correctly from another device.