



Explore the Cosmos from Your Pocket

About Stellar Horizon

Stellar Horizon transforms your device into a portal to the cosmos, bringing together NASA and ESA's latest space imagery, real-time satellite tracking, and climate data visualization in one immersive experience.

Beyond just displaying beautiful astrophotography, our app connects users to the cutting edge of space exploration and environmental science, making complex data accessible and engaging. Whether you're tracking the International Space Station overhead, exploring high-resolution images from the James Webb Space Telescope, or visualizing Earth's changing climate patterns, Stellar Horizon puts the wonders of space science literally at your fingertips.

As space missions and climate research accelerate, Stellar Horizon serves as your personal observatory, education tool, and scientific companion—keeping you connected to humanity's greatest frontier of discovery.

Key Technologies



SwiftUI



WebKit



SceneKit



Charts



MapKit



Lottie



Firebase

Stellar Horizon transforms your iOS device into a space exploration portal where you can browse stunning **NASA and ESA astrophotography**, **track satellites** in real-time, **visualize Earth's climate** through interactive 3D models, and stay connected to breaking **space news**—all within one immersive app that brings the cosmos to your fingertips.



Style Guide

Midnight Blue

HEX Code:

#121A3C

Steel Blue

HEX Code: #4487C7

Exo 2

Thin

Regular

Semibold

Bold

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Technical Implementation Highlights



Login

- E-Mail
- Google
- Anonymous

API Integration

NASA, ESA, Flickr, and satellite tracking APIs

Firestore Integration

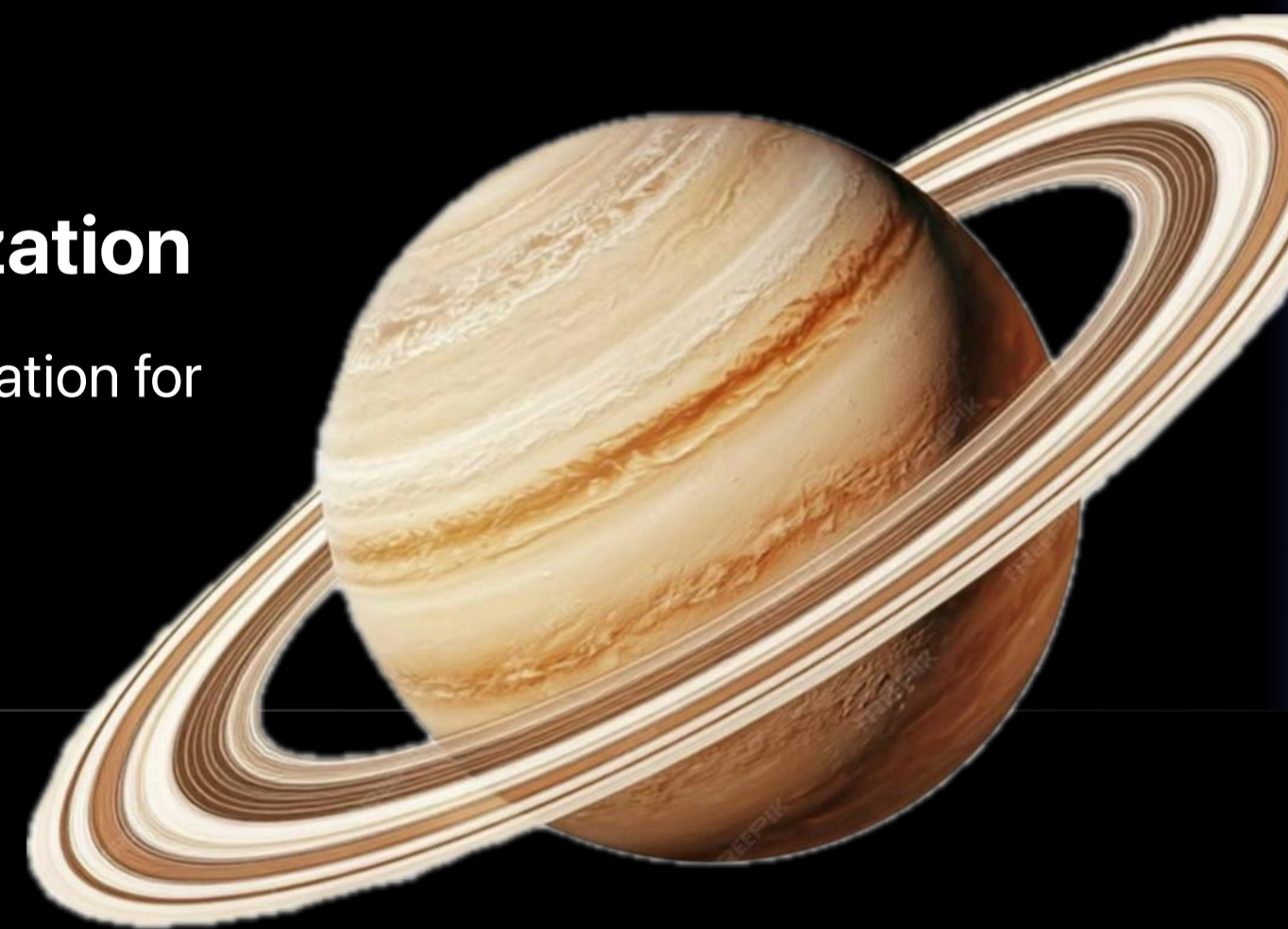
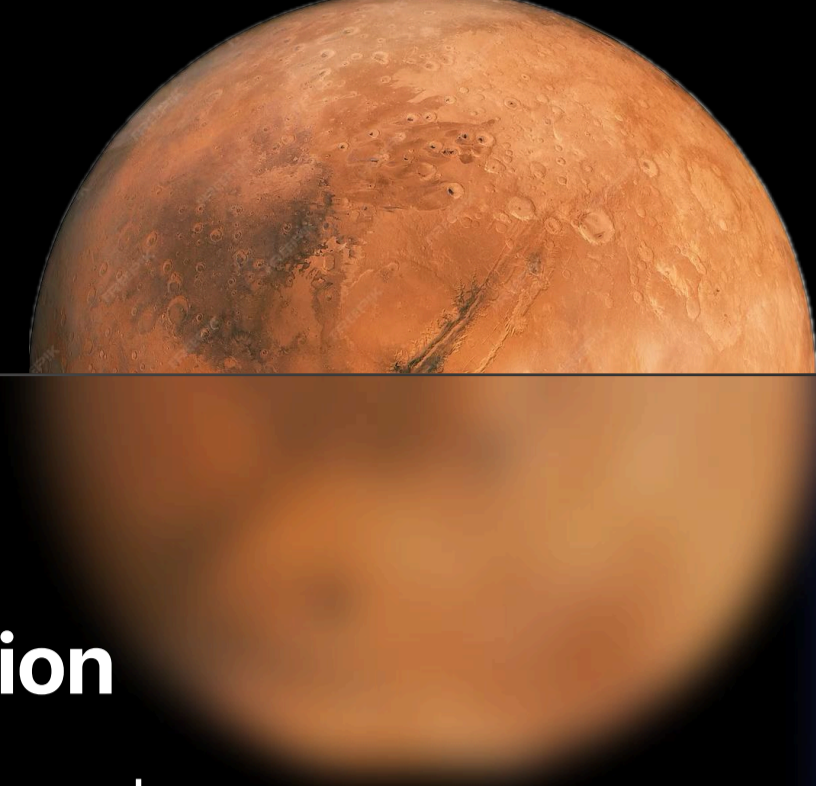
Authentication, Firestore for user data, storage for images

3D Rendering

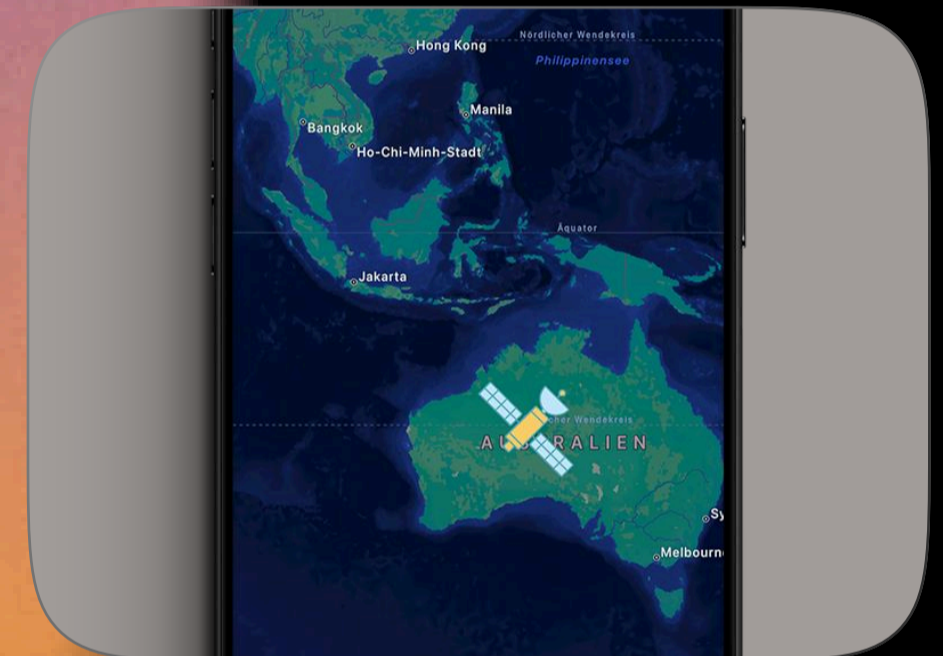
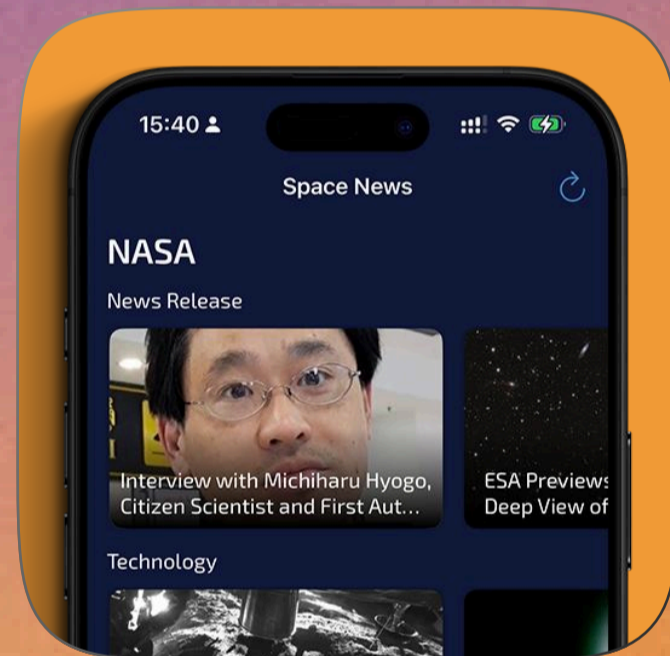
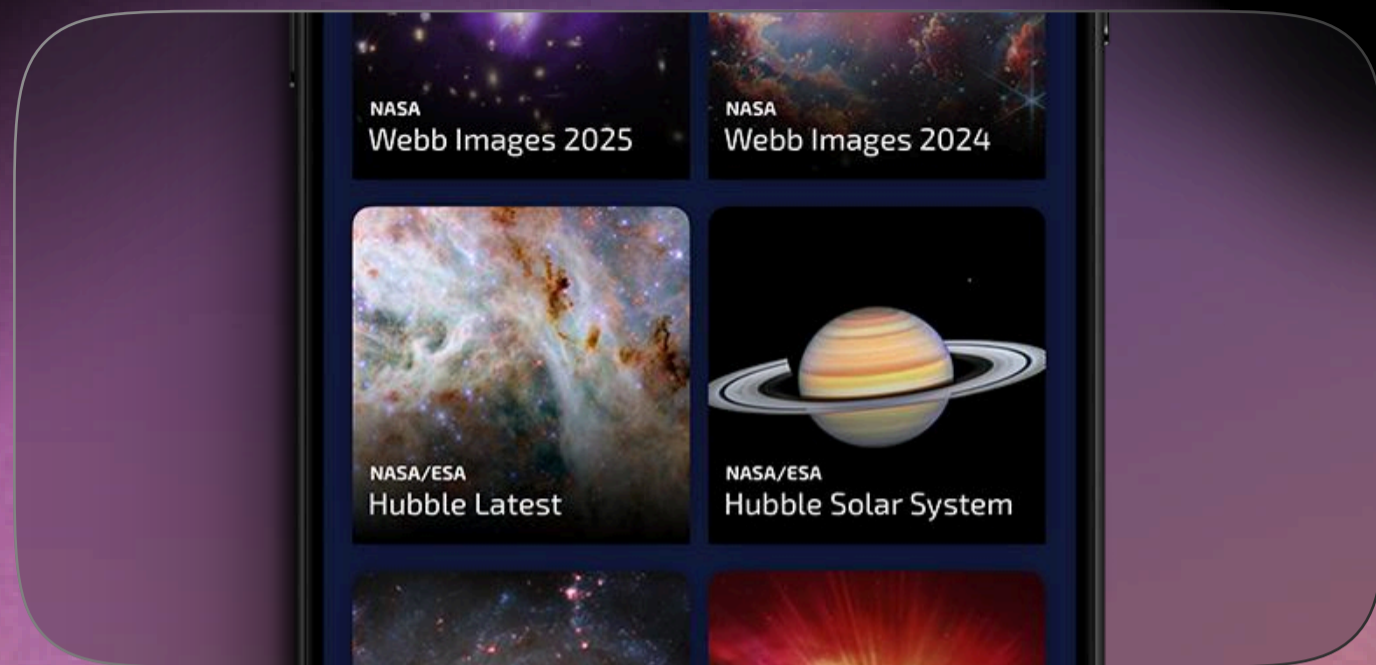
SceneKit implementation for Earth visualization

Data Visualization

Charts implementation for temperature data







STELLAR HORIZON

Features Demo Download

Explore the Cosmos from Your Pocket

Stellar Horizon brings the wonders of space to your fingertips with stunning astrophotography, real-time satellite tracking, and interactive 3D exploration.

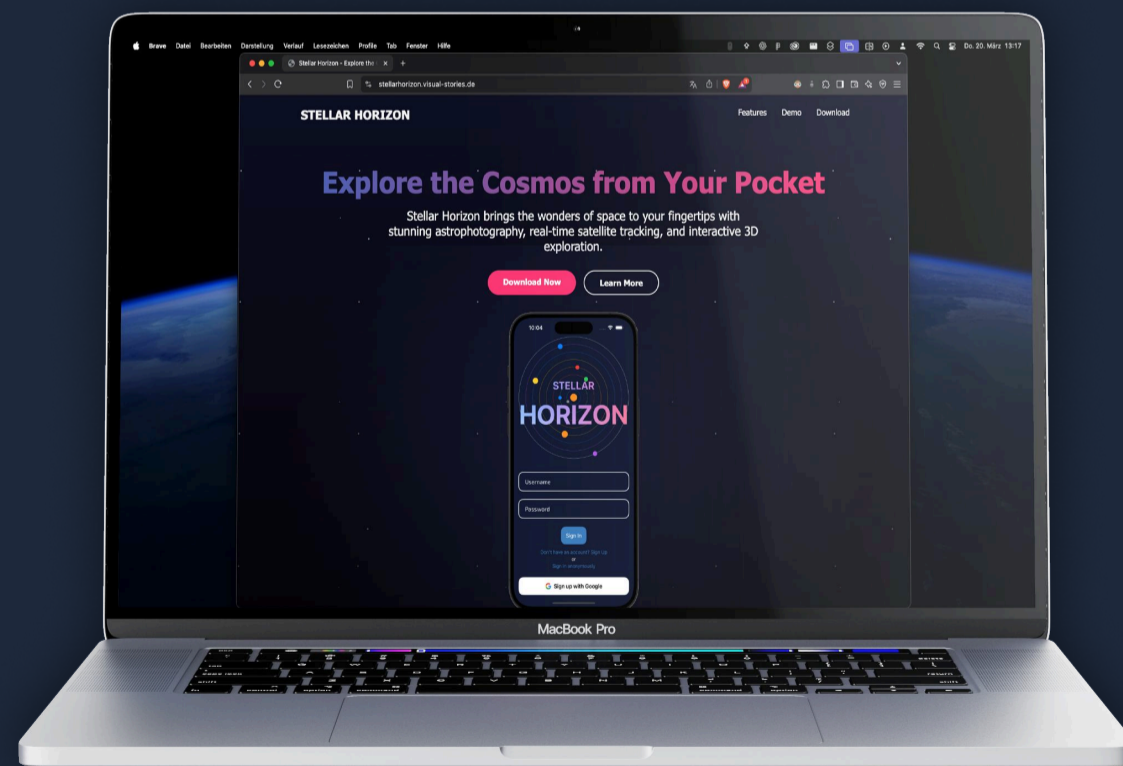
[Download Now](#) [Learn More](#)

A small smartphone icon showing a satellite tracking interface.

STELLAR HORIZON

Official Website

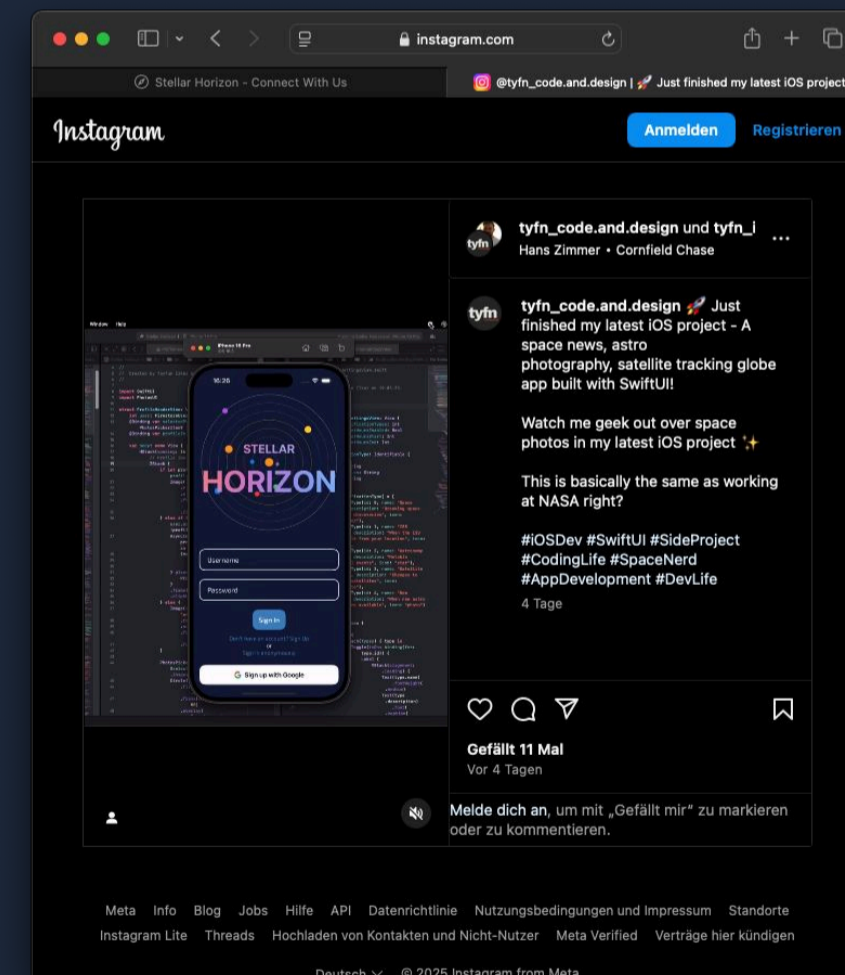
Visit our official landing page to learn more about Stellar Horizon's features, download the app, and explore our educational resources about space exploration.



Visit Website

App Preview Reel

See Stellar Horizon in action with feature showcase on Instagram



Watch on Instagram

Thanks for scrolling along!



Tayfun Ilker

A dedicated mobile developer who transforms extensive technical knowledge into structured, user-centric and performant applications across iOS and Android platforms.

HAVE AN IDEA?

Drop me an E-Mail:
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Social Links:

