

Hani Jahan Design – Free Modular 3D Platformer Pack

Version: 1.0

Unity Version: 2020.3 LTS or newer

Supported Render Pipelines: Built-in RP, URP

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1. Overview

This free modular 3D tile pack is designed for quick prototyping of platformers, puzzle games, and block-based environments. Every asset is lightweight, stylized, and optimized using a shared color palette texture and unified materials to keep performance high and draw calls low.

2. Package Contents

Models & Prefabs:

- Ground tiles (flat, block, ramp, floating)
- Spikes (flat + block versions)
- Buttons (flat + block versions)
- Bridge
- Ladder
- Crate
- Pickups: Coin, Key
- Door & Lever
- Torch

Materials:

- `HJD_BuiltIn_Normal.mat` – Built-in RP
- `HJD_URP_Normal.mat` – Universal RP

Textures:

- `HJD_ColorPal_Normal.png` – Shared color palette
- `HJD_Cloud00.png` – Transparent cartoon cloud
- `HJD_SkyGradient.png` – Sky gradient for backgrounds

Scenes:

- `HJD_FP_ContentPreview` – Full prefab overview
 - `HJD_FP_SampleScene02` – Example vertical slice level
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3. ⚡ Quick Start

1. Open any Unity 2020.3+ project.
 2. Drag prefabs from:
`Assets/HaniJahanDesign/FreePack/Prefabs/` into your scene.
 3. Assign the correct material:
 - URP → `HJD_URP_Normal.mat`
 - Built-in → `HJD_BuiltIn_Normal.mat`
 4. All tiles are pivot-centered and grid-aligned for easy level design.
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4. 🎨 Materials & Textures

This pack uses a single shared color palette across all assets.

- **Texture:** `HJD_ColorPal_Normal.png`
 - **UV Mapping:** Every model's UVs align with a specific color block in the palette.
 - **Efficiency:** Reduces draw calls and eliminates the need for complex shaders.
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5. 🧱 Scene Setup

- **Content Preview:**
`HJD_FP_ContentPreview` shows all available prefabs.
- **Sample Level:**
`HJD_FP_SampleScene02` demonstrates basic gameplay flow using the tiles.

6. Compatibility

- Unity **2020.3 LTS** or newer
- Supports **URP** and **Built-in Render Pipeline**
- Assets are **.fbx**
No external dependencies or custom shaders

7. Contact & License

Created by: Hani Jahan Design

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If this pack helps your project, I'd love it if you shared or credited **Hani Jahan Design** in your work.

Feedback, collaborations, or ideas?

 www.hanijahan.com

 Contact info available on the website

Thank you for using the **Hani Jahan Design – Modular 3D Platformer Pack!**

Keep creating 