

# Full-Stack Developer Assignment

## Task

Build a simple application that lets you upload and view 3D models.

## Backend

Create a simple server that has the following capabilities.

- **Stores 3D models.** Create a simple server that stores GLTF, GLB, or FBX files.
- **Serves the files.** The uploaded 3D files should be accessible through an API.

Additional Tasks:

- Support 1000 parallel users. You can use [locust.io](https://locust.io) for load testing.

## Frontend

A Frontend Angular application that can:

- **Lists down the 3D models on the server.**
- **Option to upload 3D models.**
- **View the 3D model from the list.** Use Three.JS to view/ render the 3D models from the list.
- UI should be responsive to fit any device, mobile.
- Refer to the URL as a reference for the UI design -> <https://vark.fbrk.in/community>

Here is the list of 3D models: [Retail 3D models](#)

## Submit Your Code

- Host your application on any free Web Hosting service and share the link.
- Push your code to GitHub with a README.md with instructions on running the application and share the link to your repository.