**The Challenge:**  
  
A large microservices project has set course to develop a considerable number of REST API's in the next 12 months. They are aiming to use a standard set of technologies and patterns to bring consistency to their delivery.  
  
As part of this, you are required to build a boilerplate git repository that includes the basic scaffolding required for each team to kick off their projects.  
  
Your repository should define a comprehensive pipeline that has at least the following stages: test, build, publish.  
  
As part of this, a simple REST API should also be present in the repository that has a root / endpoint that returns a basic "Hello World" message, and a /status endpoint that returns the following response:  
  
{  
  "myapplication": [  
    {  
      "version": "1.0",  
      "description": "pre-interview technical test",  
      "lastcommitsha": "abc57858585"  
    }  
  ]  
}  
Last but not least, your application is packaged and published to the project's Docker image repository.  
 **Considerations:**You are asked to use the following technologies and make recommendations where required:  
Code repository: GitHub  
Pipelines: TravisCI  
API's programming language: NodeJS or Golang ideally, but feel free to use something you are more accustomed to.  
Image repository: Docker Hub  
The 3 fields in the response above are not hardcoded.  
lastcommitsha is your repository's commit hash at build time.  
description and version are supplied through a metadata file residing on the repo.  
Add simple test cases for your application.  
Are there any limitations to your implementation? Any risks associated? If so, explain those.  
The repository should be all in all well documented. Provide comments in code where necessary and a nicely formatted README file.

**Can you please complete the challenge by this Friday COB and upon completion email me back the link to your repository. Also, please make sure your repository is publicly accessible**.