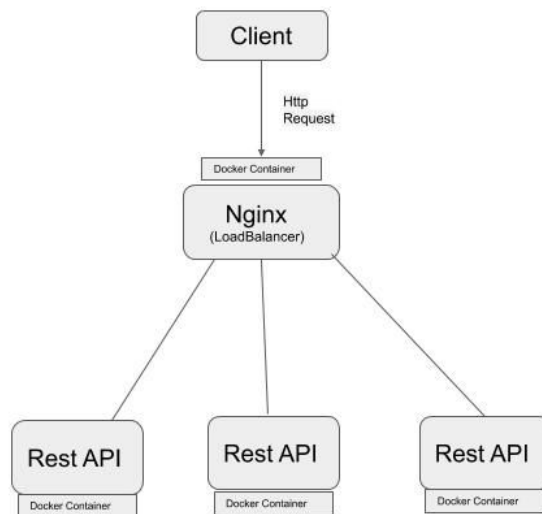


Big-Data Engineer - Exercise



Create a Load-Balancer for Http request. First of all create three Dockerize Rest API(Free to use any programming language prefer Spring Rest API) container that will return the IP address of the host system. The request is first serve by http server (NGINX) which is also dockerize and that is also act as Load Balancer(Free to use any Load Balancer algo prefer round-robin) for three dockerize Rest Api. In the end, we will have four docker container one Nginx and other three rest API that will return Host IP.

Expected Result: When we hit 3 times `http://localhost/gethost` url it will return different IP of docker container every time.

Use your own laptop with preferable Linux OS. You should be in a position to present your solution from the laptop. You should also present following files:
DockerFile or docker-compose file and Rest API code file and explain them in the details.
It is expected to present what were the obstacles and what is learned during the work on this project.