

Project - CI or CD Deployment for Spring boot Application

Source code -

index.html

```
<!DOCTYPE html>
<link rel="stylesheet" type="text/css" href="../../css/default.css" >
<html lang="en">
<head>
<title>Moulaali Assessment</title>
<!-- Bootstrap -->
<link type="text/css" href="css/bootstrap.min.css" rel="stylesheet" />
<link type="text/css" href="css/default.css" rel="stylesheet" />
</head>
<body>
<div id="container">
<div id="content">
<div id="about">
<h1>
<div style='float: Left; margin-bottom: 16px;'>Moulaali
</div>
<div class="stage">
<div class="pyramid3d">
<div class="triangle side1"></div>
<div class="triangle side2"></div>
<div class="triangle side3"></div>
<div class="triangle side4"></div>
</div>
</div>
</h1>
<h3 style='clear: both' class="subhead">
<a>SPRING-BOOT</a> Web App
</h3>
<p id='pleft'>As requested by management, this is my final
product stage, demonstrating the automated, integrated, and
deployed spring-boot web application.</p>
<p id='pright'>This is an environment where the application is
hosted and accessed by users. The following were used in its
development:</p>
<ul>
<li><a>Eclipse</a></li>
<li><a>GitHub</a></li>
<li><a>Jenkins</a></li>
<li><a>AWS EC2/ Virtual machine</a></li>
</ul>
<p>Feel free to contact Moulaali with any new requests or
upgrades to this product!</p>
</div>
</div>
```

```
</div>
</body>
</html>
```

default.css

```
body {
background-image: linear-gradient(180deg, #0088bb, #000000);
margin:0; padding:0;
overflow-x:hidden;
height:100%;
font-family: 'Lato', Helvetica, arial, sans-serif;
font-weight: 300;
font-size: 20px;
line-height: 1.45;
color: #eee;
color: rgba(255,255,255,.85);
}
#container {
padding-top: 50px;
}
#content {
max-width: 43em;
padding:10px;
margin: 0 auto;
}
h1 {
font-size: 4.8em;
font-weight: 100;
text-transform: uppercase;
margin: 0;
}
h3 {
font-size: 2.4em;
font-weight: 300;
line-height: 1.5;
}
p, li {
font-size: 1.7em;
}
a {
font-weight: 700;
text-decoration: none;
color: #fff;
}
a:hover {
text-decoration: underline;
}
p#pleft {
max-width:20em;
float:left;
}
p#pright {
max-width:20em;
float:left;
}
```

```

ul {
clear:both;
}
html { font-size: 62.5%; }
body { font-size: 1em;}
/* SOURCE REFERENCE (Provided by Developer Moulaali Ikbal Hujare)/
/* please credit the adopted pyramid shape to my reference at:
(https://codepen.io/ZachSaucier) */
/* PYRAMID CODE */
.stage {
-webkit-transform:scale(1.85);
transform:scale(0.85);
float:right;
margin-right:120px;
margin-top:30px;
width:0px; height:0px;
position:relative;
-webkit-perspective:1200px;
-webkit-perspective-origin:50% 50%;
perspective:1200px;
perspective-origin:50% 50%;
}
.pyramid3d {
position:relative;
width:150px;
height:150px;
-webkit-transform-style: preserve-3d;
transform-style: preserve-3d;
-webkit-transform: rotateX(75deg) rotate(65deg);
transform: rotateX(75deg) rotate(65deg);
-webkit-animation: turnPyramid 10s linear infinite;
animation: turnPyramid 10s linear infinite;
}
.triangle {
-webkit-transform-style:preserve-3d;
transform-style:preserve-3d;
width:0; height:0;
background:none;
}
.triangle:before{
content:"";
position: absolute;
height: 0; width: 0;
border-style: solid;
border-width: 176px 75px 0 75px;
}
.side1 { -webkit-transform: translatex(0) rotatey(115.2deg) rotatez(90deg);
transform: translatex(0) rotatey(115.2deg) rotatez(90deg); }
.side2 { -webkit-transform: translatex(150px) rotatez(90deg) rotatex(64.8deg);
transform: translatex(150px) rotatez(90deg) rotatex(64.8deg); }
.side3 { -webkit-transform: translatez(0) rotatex(64.8deg); transform:
translatez(0) rotatex(64.8deg); }
.side4 { -webkit-transform: translatey(150px) rotatex(115.2deg); transform:
translatey(150px) rotatex(115.2deg); }
.side1:before{ border-color: rgba(115, 115, 0, 0.3) transparent transparent
transparent; }
.side2:before{ border-color: rgba(20, 90, 225, 0.3) transparent transparent
transparent; }

```

```

.side3:before{ border-color: rgba(255, 0, 0, 0.3) transparent transparent
transparent; }
.side4:before{ border-color: rgba(0, 255, 255, 0.3) transparent transparent
transparent; }
@-webkit-keyframes turnPyramid { 100% { -webkit-transform: rotateX(75deg)
rotate(425deg); } }
@keyframes turnPyramid { 100% { transform: rotateX(75deg) rotate(425deg); } }
@media (max-width: 300px) {
html { font-size: 70%; }
.stage { -webkit-transform:scale(0.05); transform:scale(0.05); }
}
@media (max-width: 440px) {
h1 { line-height:55px; }
}
@media (max-width: 460px) {
.stage { position:absolute; top:25px; left:50%; margin-left:-45px; }
h1 { margin-top:50px; text-align:center; }
}
@media (max-width:600px) { .stage { -webkit-transform:scale(0.55);
transform:scale(0.55); margin-right:60px; } }
@media (min-width: 600px) {
html { font-size: 80%; }
.stage { -webkit-transform:scale(0.68); transform:scale(0.68); margin-right:80px;
}
}
@media (min-width: 880px) {
html { font-size: 120%; }
p, li { font-size: 1em; }
p#pright { margin-left:3em; }
.stage { -webkit-transform:scale(0.85); transform:scale(0.85); margin-right:120px;
}
}
}

```

MainController.java

```
package com;
```

```
import org.springframework.stereotype.Controller;
```

```
import org.springframework.web.bind.annotation.RequestMapping;
```

```
@Controller

public class MainController {

    @RequestMapping("/")

    public String index() {

        return "index.html";

    }

}
```

MainController.java

```
package com.example.project5.springboot;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class Project5SpringbootApplication {

    public static void main(String[] args) {

        SpringApplication.run(Project5SpringbootApplication.class, args);

        System.out.println("Spring Boot Web-App Console is working ..");

    }

}
```