

1.CI/CD DEPLOYMENT FOR SPRINGBOOT APPLICATION

Code:

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 Gadhe Hariharan)*/  
/* 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; }
}

```

INDEX.HTML:

```

<!DOCTYPE html>
<link rel="stylesheet" type="text/css" href="../../css/default.css" >

<html lang="en">

<head>
<title>Gadhe hariharan's 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;'>Gadhe hariharan's
                </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 Gadhe hariharan with any new requests or upgrades to this
                product!</p>
        </div>
    </div>
</body>
</html>

```

MAIN CANTROLL JAVA:

```

import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.stereotype.Controller;

@Controller
public class MainController {

    @RequestMapping("/")
    public String index() {
        return "index.html";
    }
}

```

MY APPLICATION JAVA:

```
import org.springframework.boot.SpringApplication;
```

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

```
@SpringBootApplication
```

```
public class MyApplication {
```

```
    public static void main(String[] args) {
```

```
        SpringApplication.run(MyApplication.class, args);
```