

Source Code

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);

    }

}
```

INDEX.HTML:

```
<!DOCTYPE html>

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


<html lang="en">


<head>

<title>Jayanth'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;'>Jayanth'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,

      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>
```

and

```
                <p>Feel free to contact Jayanth with any new requests or
                upgrades to this product!</p>
            </div>
        </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";
    }
}
```

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 Jayanth)*/
```

```
/* 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; }  
}
```