

Assignment 3: Bootstrap

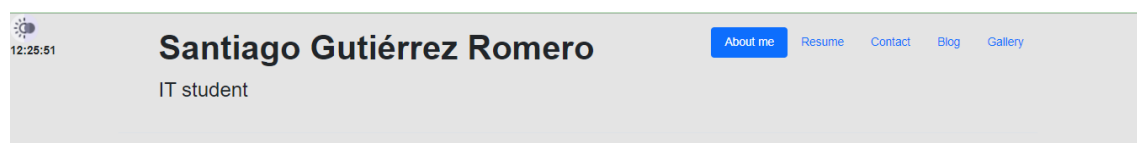
Improvements using Bootstrap

New header using Bootstrap:

I designed a new responsive header using the bootstrap classes, in this header I included the navigation of the webpage that allow the user to change the page easily:

```
<header class="d-flex flex-wrap justify-content-center py-3 mb-4 border-bottom">
  <a href="/" class="d-flex align-items-center mb-3 mb-md-0 me-md-auto text-dark text-decoration-none">
    <svg class="bi me-2" width="40" height="32"><use xlink:href="#bootstrap"></use></svg>
    <span class="fs-4">
      <h1><b>Santiago Gutiérrez Romero</b></h1>
      <p>IT student</p>
    </span>
  </a>

  <ul class="nav nav-pills">
    <li class="nav-item"><a href="/BasicwebV2.html" class="nav-link active" aria-current="page">About me</a></li>
    <li class="nav-item"><a href="/Basicweb1V2.html" class="nav-link">Resume</a></li>
    <li class="nav-item"><a href="/Basicweb2V2.html" class="nav-link">Contact</a></li>
    <li class="nav-item"><a href="/Basicweb3V2.html" class="nav-link">Blog</a></li>
    <li class="nav-item"><a href="/Basicweb4V2.html" class="nav-link">Gallery</a></li>
  </ul>
  <div class="buttonPosition">
    <a class="buttondarkmode" onclick="darkMode()">
      
    </a>
    <b>
      <div id="txt"></div>
    </b>
  </div>
</header>
```



New footer using bootstrap:

Adding a footer using the bootstrap classes is another improvement I did. This footer is also responsive and was entirely made using bootstrap classes:

```
158
159 <div class="container">
160   <footer style="margin-left: 10vw" class="py-3 my-4">
161     <ul class="nav justify-content-center border-bottom pb-3 mb-3">
162       <li class="nav-item mb-2 label">Front-end</li>
163       <li class="nav-item mb-2 label">Typescript</li>
164       <li class="nav-item mb-2 label">Windows</li>
165       <li class="nav-item mb-2 label">Back-end</li>
166       <li class="nav-item mb-2 label">Javascript</li>
167       <li class="nav-item mb-2 label">React</li>
168       <li class="nav-item mb-2 label">Operatives Systems</li>
169       <li class="nav-item mb-2 label">Linux</li>
170       <li class="nav-item mb-2 label">Node.js</li>
171       <li class="nav-item mb-2 label">PHP</li>
172       <li class="nav-item mb-2 label">Angular.js</li>
173       <li class="nav-item mb-2 label">Object-Oriented Programming</li>
174     </ul>
175   </footer>
176   <p class="text-center text-muted">Proyecto realizado por Santiago Gutiérrez Romero</p>
```

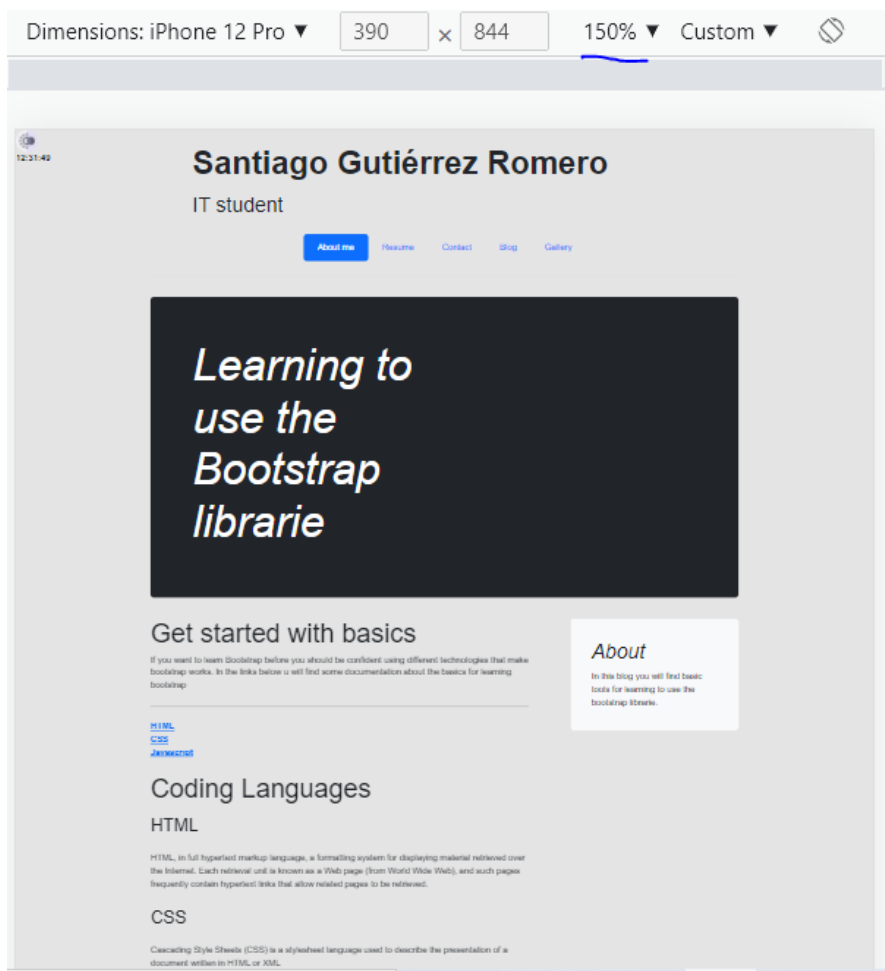


Responsive design:

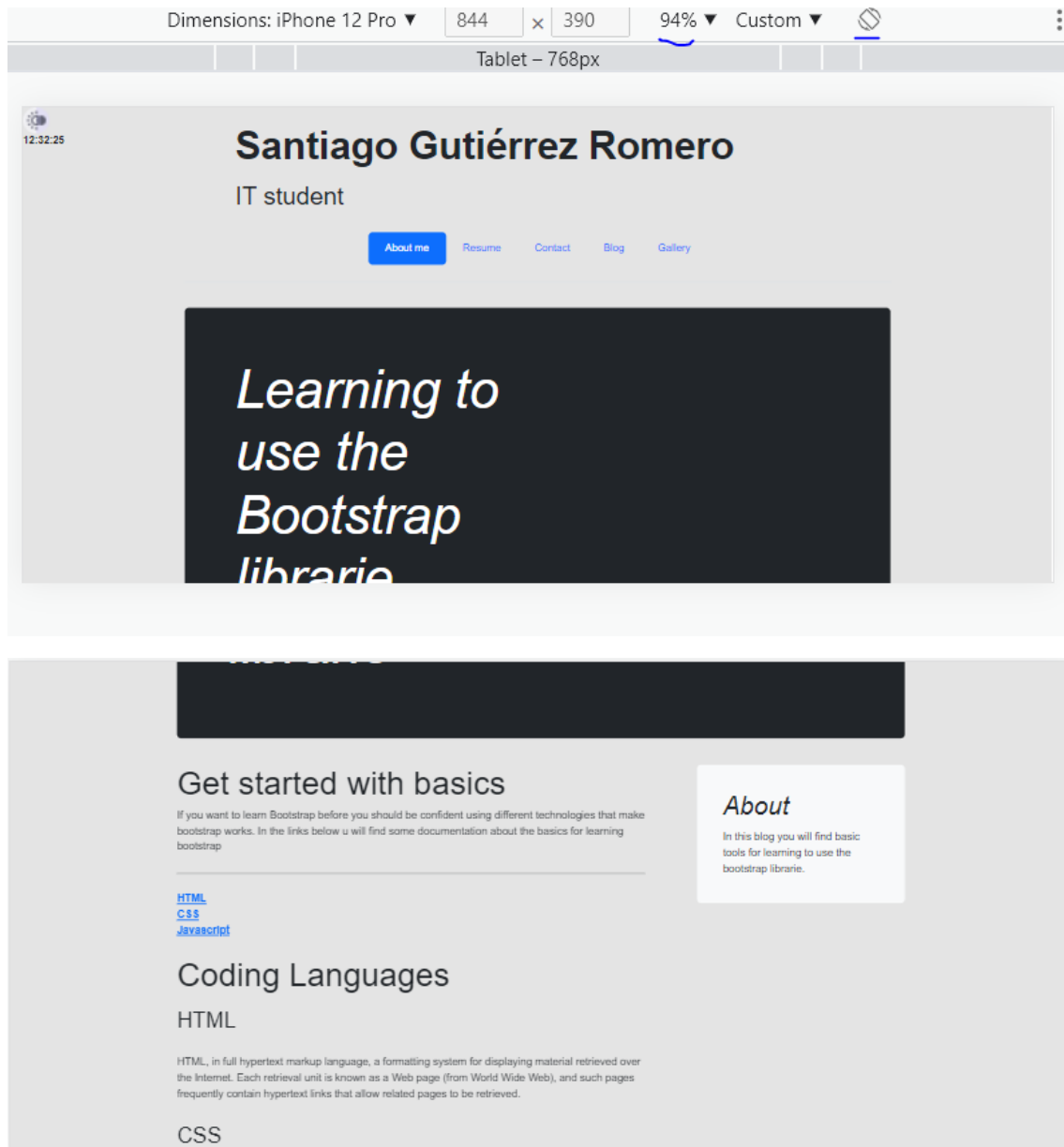
Giving the web page a responsive design is another improvement we add using bootstrap. We achieve using the class “container” in the content of our page:

```
<body onload="startTime()" id="body" class="body container">
  <script>
    function startTime() {
```

```
<div id="Container" class="container" style="background: ■ rgb(255, 255, 255); box-shadow: 5px 5px 5px ■ rgb(75, 92, 97)">
  <div class="insideContainer">
    <h3 style="margin: 5px;"><b>About Me</b></h3>
    <p>I am Santiago Gutiérrez Romero and I am 24 years old, I come from Seville a city located in the south of Spain,
    I consider myself as easygoing person, open-minded, straightforward and with a big motivation. My main hobbies are spending
    time with friends and practicing sport in the middle of the nature, but I also like to hang out and know new people.</p>
    <a onclick="changeContainer()">
      
```



Horizontal display and with less zoom:



Bootstrap inputs, tables and buttons:

We used some of the pre-designed components for our web page:

Forms and inputs:

```
<form class="form-group" style="bottom: 0;">
  <input class="form-control" autocomplete="off" id="infoSkill" value="" type="text" placeholder="New IT Skill">
  <a onclick="addInfo1()">  </a>
</form>
</div>
```

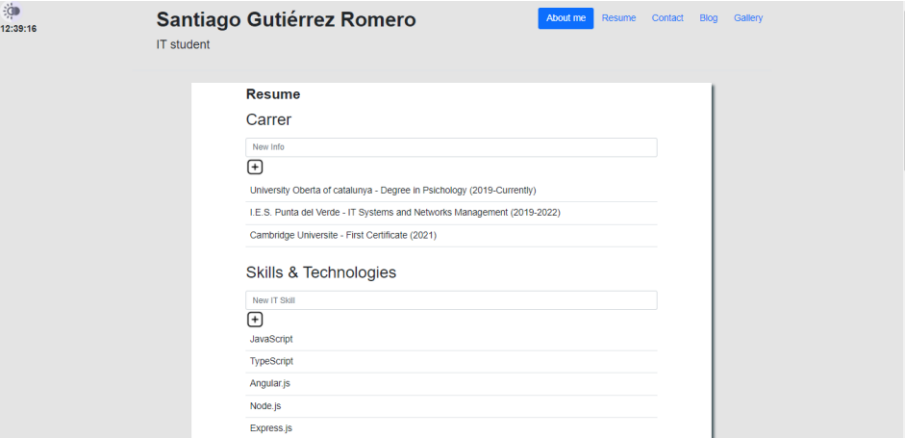
Tables:

```
<table class="table">
  <tbody id="tabb1">
    <tr>
      <td>
        JavaScript
      </td>
    </tr>
    <tr>
      <td>
        TypeScript
      </td>
    </tr>
    <tr>
      <td>
        Angular.js
      </td>
    </tr>
  </tbody>
</table>
```

Buttons:

```
<div>
  <button onclick="showdata()" id="submit" type="button" class="btn btn-success">Send</button>
</div>
```

Tables and forms:



Buttons:

Contact Form

Enter your name

Enter your email

Enter your phone

Enter your message

Send

New blog page:

This blog page was built using bootstrap classes. In this page I created an article which include some information for learning bootstrap:

```
<main class="container">
  <div class="p-4 p-md-5 mb-4 text-white rounded bg-dark">
    <div class="col-md-6 px-0">
      <h1 class="display-4 fst-italic">Learning to use the Bootstrap librarie</h1>
    </div>
  </div>

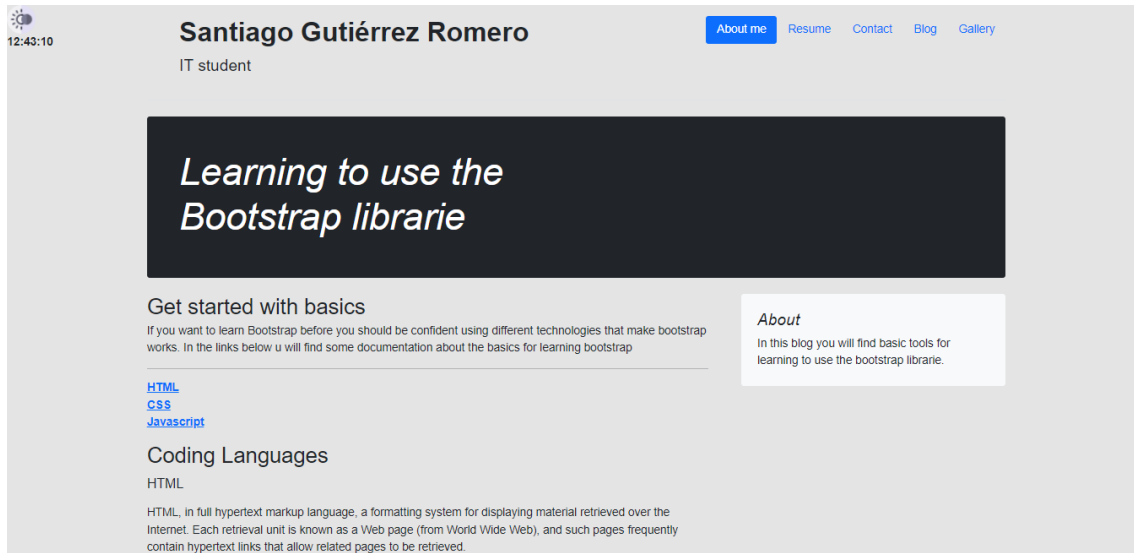
  <div class="row g-5">
    <div class="col-md-8">
      <article class="blog-post">
        <h2 class="blog-post-title mb-1">Get started with basics</h2>

        <p>If you want to learn Bootstrap before you should be confident using different technologies that make boot
        <hr>
        <dl>
          <a href="https://www.w3schools.com/html/default.asp"><dt>HTML</dt></a>
          <a href="https://www.w3schools.com/css/default.asp"><dt>CSS</dt></a>
          <a href="https://www.w3schools.com/js/default.asp"><dt>Javascript</dt></a>
        </dl>

        <h2>Coding Languages</h2>
        <blockquote class="blockquote">
          <p>HTML</p>
        </blockquote>
        <p>HTML, in full hypertext markup language, a formatting system for displaying material retrieved over the I

        <blockquote class="blockquote">
          <p>CSS</p>
        </blockquote>
        <p>Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document wri

        <blockquote class="blockquote">
```



CSS

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML.

Javascript

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web pages interactive elements that engage a user.

What about Bootstrap?

Bootstrap is a framework to help you design websites faster and easier. It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels, etc. It also gives you support for JavaScript plugins.

What can I do using bootstrap?

Bootstrap is a free and open source front end development framework for the creation of websites and web apps.

Check the examples!

In the bootstrap webpage you will be able to find a lot of examples about the using of his technologie. Check them for knowing more about waht bootstrap is able to do.

[Bootstrap examples](#)

Go through the docs when u need something in particular

The bootstrap docs contains almost everything that a front-end developer would need. In this documentation you will find info about a large range of topics as making easy and useful grids, give tables and buttons some fancy style, form control tools or apply a colour theme to your web page

About

In this blog you will find basic tools for learning to use the bootstrap librarie.

Some of the bootstrap pre-designed components

Bootstrap also give us a lot of pre-designed components that will hep us on the design of a webpage

This are some of them:

Checks

☐ Default checkbox

☒ Checked checkbox

```
<div class="form-check">
  <input class="form-check-input" type="checkbox" value="" id="flexCheckDefault">
  <label class="form-check-label" for="flexCheckDefault">
    Default checkbox
  </label>
</div>
<div class="form-check">
  <input class="form-check-input" type="checkbox" value="" id="flexCheckChecked" checked>
  <label class="form-check-label" for="flexCheckChecked">
    Checked checkbox
  </label>
</div>
```

Dropdown buttons

```
<div class="dropdown">
  <button class="btn btn-secondary dropdown-toggle" type="button" id="dropdownMenuButton1" data-bs-toggle="dropdown">
    Dropdown button
  </button>
  <ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">
    <li><a class="dropdown-item" href="#">Action</a></li>
    <li><a class="dropdown-item" href="#">Another action</a></li>
  </ul>
</div>
```

Dropdown buttons

```
<div class="dropdown">
  <button class="btn btn-secondary dropdown-toggle" type="button" id="dropdownMenuButton1" data-bs-toggle="dropdown">
    Dropdown button
  </button>
  <ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">
    <li><a class="dropdown-item" href="#">Action</a></li>
    <li><a class="dropdown-item" href="#">Another action</a></li>
    <li><a class="dropdown-item" href="#">Something else here</a></li>
  </ul>
</div>
```

Spinner

```
<div class="spinner-border" role="status">
  <span class="visually-hidden">Loading...</span>
</div>
```

New gallery page:

This gallery page was also created using bootstrap classes. I displayed I this page some images of important monuments around the world:

```
<main>
<div class="p-4 p-md-5 mb-4 text-white rounded bg-dark">
  <div class="col-md-6 px-0">
    <h1 class="display-4 fst-italic">This gallerie show some of the most important monuments around the world</h1>
  </div>
</div>

<div class="album py-5 bg-light">
  <div class="container">

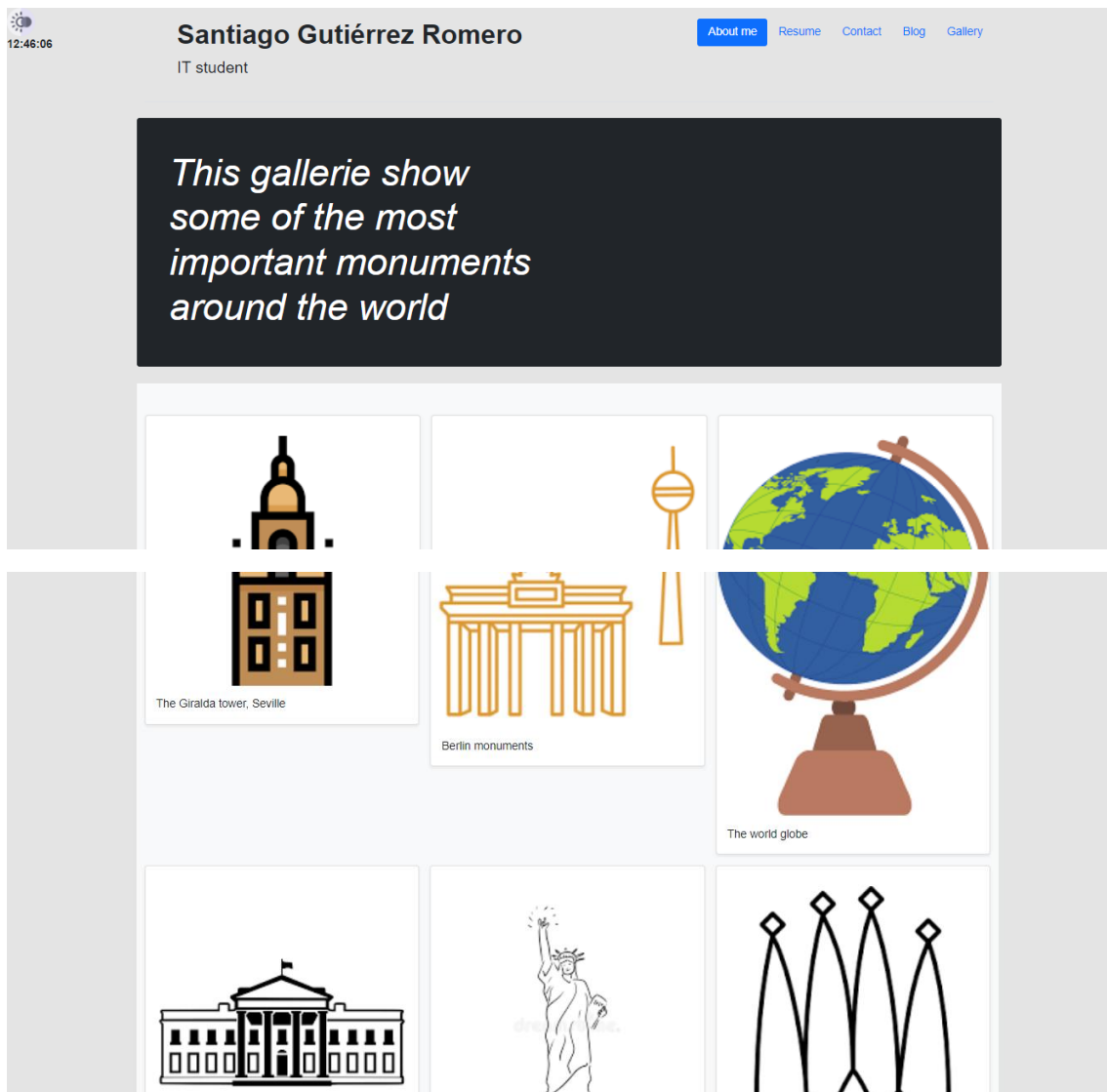
    <div class="row row-cols-1 row-cols-sm-2 row-cols-md-3 g-3">


      <div class="col">
        <div class="card shadow-sm">
          <svg class="bd-placeholder-img card-img-top" width="100%" height="30" xmlns="http://www.w3.org/2000/svg" role="img" aria-label="Placeholder: Thumbnail" preserveAsp

          <div class="card-body">
            <p class="card-text">The Giralda tower, Seville</p>
          </div>
        </div>
      </div>


      <div class="col">
        <div class="card shadow-sm">
          <svg class="bd-placeholder-img card-img-top" width="100%" height="30" xmlns="http://www.w3.org/2000/svg" role="img" aria-label="Placeholder: Thumbnail" preserveAsp

          <div class="card-body">
            <p class="card-text">Berlin monuments</p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```






The white house



The Statue of liberty



Barcelona Cathedral

Front-end

Windows

Javascript

Operatives Systems

Node.js

Angular.js

Typescript

Back-end

React

Linux

PhP

Object-Oriented Programming

Proyect done by Santiago Gutiérrez Romero