Documentation:

Design model : **Desktop first.** The reason is that I feel more comfortable starting from a wider viewport and using media queries afterwards.

For the responsiveness, I decided to use a combination of flexbox and media queries . Fonts, margins and paddings as well as image sizes were positioned by using relative values(%;em;rem) instead of static ones(px).

JS feature: for now, it just says “hello world” but will be improved in future versions.

Dependencies:

PROD:

BABEL: will enable me to use ECMAScript 6 for future developments.

POST CSS : to parse CSS and used Plugins like auto-prefixer.

DEV

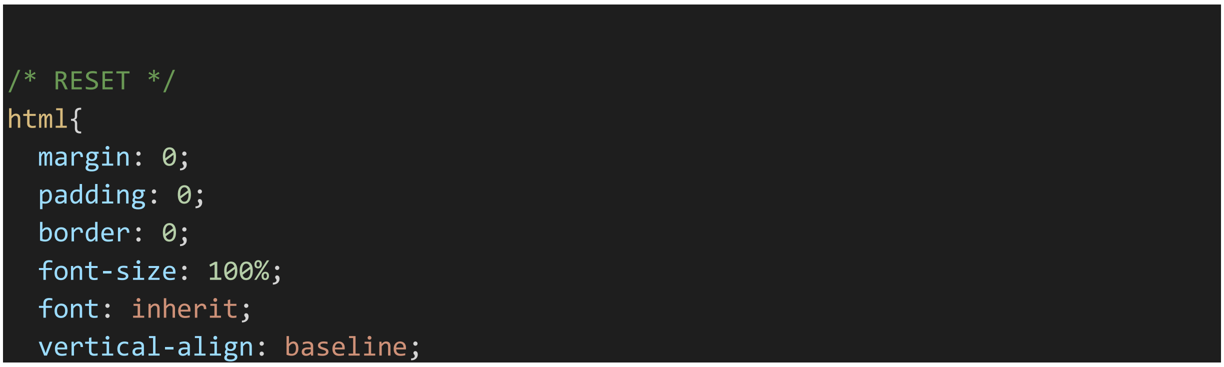
Font-awesome: for icons

Google fonts

Parcel

STYLES:

I like to use https://meyerweb.com/eric/tools/css/reset/ to reset styles for most of my projects.



```
/* RESET */
html{
  margin: 0;
  padding: 0;
  border: 0;
  font-size: 100%;
  font: inherit;
  vertical-align: baseline;
  }
```

Font is Roboto and has been installed via NPM. No margin and font-size is not too small.

```
body{
  margin:0;
  font-family: 'Roboto', sans-serif;
  font-size: 1.8rem;
  line-height: 1;

}
```

INDEX:

I went for a simple navigation bar with a logo. The logo is positioned relatively to the left of the body and the subtitle has been positioned absolutely to the top.

```

nav{
   color:white;
  height:10vh;
  font-size:2rem;
  background: #0f70e6;
  padding:1em 0.5em;
  margin-bottom:1em;
  position: relative;
      }

#nav-title{
  position: relative;
  left:0.5em;
  top:0.2em;
}

#subtitle{
color:rgb(213, 226, 238);
font-size: 1rem;
position: absolute;
left:8.5em;
top:3em;
}
```

The content is a simple list of links to the main categories.

CATEGORY1(Front End) + CATEGORY2(Module Bundlers)

Main content has been positioned in a single row with the following properties:

```
.row{

  display: flex;
  justify-content: space-around;
  align-items: center;
  flex-wrap: wrap;

}
```

Flexbox allows for easy, responsive positioning and smart wrapping when shrinking the viewport. I was happy with the result and decided not to make any further change.

Logos have the following properties

```
.mb-imgs > p >a > img{
  height:120px;
  width:120px;
  padding:1em;
  opacity:0.3;
 }
.fe-imgs > p >a > img{

  height:120px;
  width:120px;
  padding:1em;
  opacity:0.3;
 }
```

NB: For this project I used regular CSS but with SaaS those two lines could have been reduced to one. I might use SaaS in the next iteration.

Captions are in italic, smaller and positioned relatively to the left by 50px

```
 figcaption{
  font-style: italic;
  font-size: smaller;
  position: relative;
  left:50px;
 }
```

Opacity has been reduced for non-active links.

```
 #python-logo{
  opacity:1;
 }
 #parcel-logo{
  opacity:1;
 }
```

Details1(Parcel)+ Details 2(Python)

This section includes an image of the selected category followed by 3 descriptive paragraphs.

I preferred using paragraphs <p> to using lists of definitions <td> as the content is not truly a definition per se.

The main content has a width of 90% of the viewport and a high enough height so that the text can collapse to the bottom without covering the footer.

```
 .main-details {
  width: 90vw;
  height:230vh;
  display: flex;
  flex-direction: column;
  margin: 0 auto;
}
```

Line height has been increased so that the text is pleasurable to read.

```
.details-text {
  border: 10px solid #95bdee   ;
  line-height: 2em;
  padding:0.8em;
}
```

Images´container (« details-img ») has been converted in a flex container and their content is centred to the middle. Images are 70% and 50% of the size of their parent container.

```
.details-img{
  display: flex;
  justify-content: center;
     }

#parcel-img{
  height:auto;
  width:70%;
   }

 #python-img{
  margin-bottom:3em;
  height:auto;
  width:50%;
 }
```

MEDIA QUERIES

Media queries for row margins(categories) + footer and to adjust font-sizes according to the viewport width.

```
@media only screen and (max-width: 600px) {
  .row{
    margin-top: -80px;
  }

  footer{
    margin-top: 600px;
  }
}
```

```css
@media only screen and (max-width: 768px) {
  .title{
    font-size:2rem;
  }
  body{
    font-size: 1.1rem;
  }
}
```