

Capstone Project

I designed the Angular application and deployed it using AWS Console using the Compute section service called EC2(Elastic Compute Cloud).

The tools I used are:

- ☐ **Angular CLI**
- ☐ **Node JS**
- ☐ **AWS EC2 Instance**
- ☐ **Angular Routing**
- ☐ **Font Awesome**
- ☐ **Bootstrap**
- ☐ **Fake API.com**

I used a template for my Angular application from Let's Program on YouTube, Add to Cart in Angular.

I first created my angular project locally then installed Node, npm, Bootstrap and jQuery via the terminal. I pasted the relevant links to use Font Awesome icons for my project.

I generated three components for my application which were

1. Header
2. Cart
3. Products

I then generated a service file and a pipe file.

I enabled routing in order for my components to speak to each other. The cart component has a route going back to the products homepage which is where you view your items, add them to your cart by a click of a button. The items that were displayed were using a fake Api fashion image catalog. I also made sure I imported the necessary modules in my App.Module.ts file in order to avoid my app not running.

Interpolation, Two-way data binding and dependency injection is what I used to make naming my headlines easier to understand and more effective. With the cart service I used a method that should communicate with the grand total method in order to display the total amount of cart items selected. I used SASS for my styling instead of plain CSS

to teach myself the pre-processor and the ways it makes styling different so my styling was mainly SASS.

I spun up my AWS EC2 instance and managed to run it successfully, added my customized Port 4200 to be able to connect to my site and used AWS CLI and Putty to connect to my instance via SSH which was also successful but unfortunately could not deploy my application completely due to issues.

The resources I used are:

- YouTube
- Angular website
- AWS Console
- EC2 service
- Putty
- Google
- VSCode

<https://github.com/Sarlton/Fashion-project/tree/master>