This is a simple MEAN stack contact list. I utilized mongoose to create a schema and database for the app to work effectively. It runs off an AngularJS frame work, which allows for the two-way data binding to reflect the correct information. The search bar is also optimized with AngularJS, searching both first and last names. Finally, I used bootstrap card decks to make it user friendly.

The Dollar Changer changes the USD to several foreign currencies. Its easily customizable to add more currencies to the list. This is also a MEAN stack application. It connects to mongoose which allows for the app to save data. The app also works with the Fixer.io currency changer api and the rates are set on a 15-minute delay. I used AngularJS two-way data binging feature to incorporate the live rates on the scroll.

Head Coach is an ambitious football/RPG HTML5 video game project. I utilized several different systems to make this work. Foremost, it is built off of AngularJS framework, I make use of the two-way data binding to display many of the stats and player names. The player select screen uses a library called ChanceJS. The random data is nested in a for loop and it is displayed on a card system, which allows the user to select players to his team. The data uses local storage to save and load as the screens change. The web canvas uses PhaserJS library for the animations. The goal of the game play, is for the player “coach” his team during the game to for a chance of bonuses, or skill increases. This was an original concept.

Coffee Locator is a simple JS app. It utilizes the Four Square API, which finds all the local coffee houses in the area. It also shows popularity based off the number of check-ins registered by Four Square. JQuery handles all the JSON request and the library also plots the map markers. I used Google maps api to set the markers correctly. The app is also incorporates Bootstrap.