Applications used:

Node.js

express

Eslint

Jest

Node.js and express were used to build a small and simple front-end application. Previously an apache server was used but to enable linting and testing a switch to node was made.

Eslint is a pluggable static code analyzer for javascript, it is configurable via yml file and works with node through npm.

Jest is a testing framework for javascript enabling unit tests.

Front-End:

Simple express server application, returning the index.html when addressed. The index.html site has a button which upon being pressed request the data from the backend and displays it on the page.

Pipeline:

Azure devops Pipeline

4 Stages:

Linting

Testing

Building

Pushing/Deployment