j. Deployed the prototype on an Infrastructure as a Service (IaaS) or Platform as a Service (PaaS) provider, and indicated which provider they used.

The BE Safe application is deployed to each of the following:

- Amazon Web Services Elastic Beanstalk (**IaaS**)
- Microsoft Azure Web Apps (**PaaS**)
- Docker (**CaaS** – Container as a Service)

AWS provided the capabilities and flexibility BE required for this prototype application. AWS' Elastic Beanstalk services established a suitable environment that could be easily manipulated and controlled on which to deploy our application. Elastic Beanstalk is among the fastest ways to consistently deploy a server with Node.js and our code while also getting the ability to scale, monitor and customize as needed.

BE also deployed our application in an automated fashion to Microsoft Azure in parallel to AWS (https://be-safe.azurewebsites.net/). We used Azure as a staging area and it got the latest code regardless of the Travis test results to aid debugging. We used AWS as our production site which only received updates when tests in Circle CI were successful. BE uses a multitude of Cloud providers in our solutions. We have hands on experience deploying solutions with AWS, Azure and TerreMark.

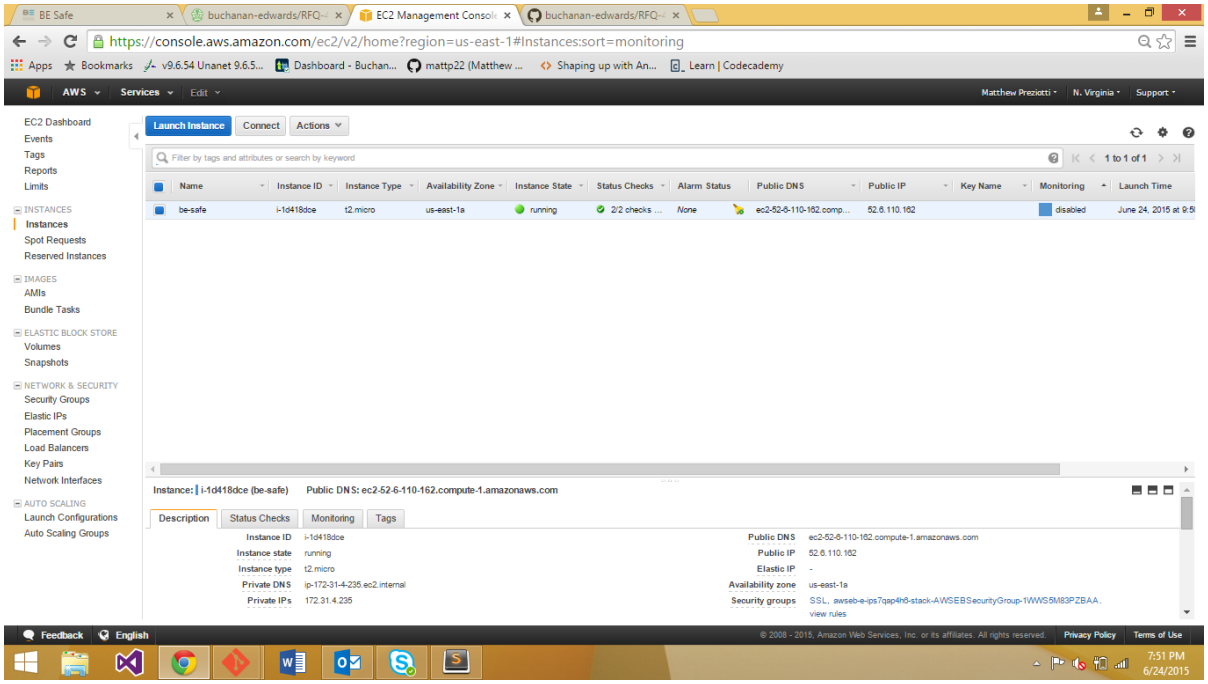

Figure 1. AWS Console showing BE Safe resources

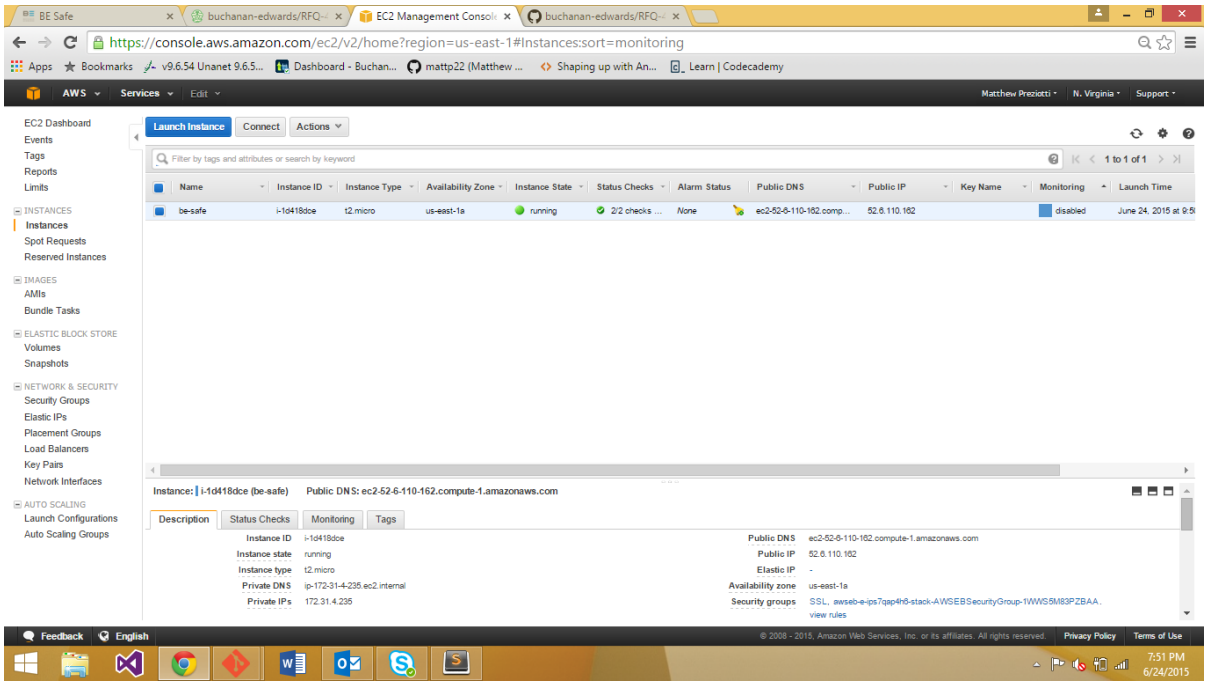

Figure 2. BE Safe's AWS Management Console View