

## **WEEK-7 ASSESSMENT**

### **CONTINUOUS INTEGRATION**

For CI tools, I found Jenkins. It was ranked as one of the most popular and easy to use ci tools among devOps engineers. Some of its benefits include:

- Local application
- Completely free
- Deep workflow customization
- Rich in features and plugins
- Easy installation thanks to the pre-installed OS X, Unix and Windows packages
- Made by developers for developers
- A well-established product with an excellent reputation

Jenkins is awesome because it provides a fully guided tour of how to set it up, and how to test it out. They even tell you what kind of machine you need to get started! All you need to do is head over to the homepage of jenkins, and in the Documentation tab, you can click the drop down and click “Guided Tour”. 10/10.

Jenkins has been one of the top dogs in the CI world for quite some time now, Almost to the point that other competitors have taken their methods and “modernized” them. Jenkins is starting to get some new competition nowadays, which is weird for them, since they’ve been the go to for such a long time.

Jenkins getting started link:

<https://www.jenkins.io/doc/pipeline/tour/getting-started/>

### **REAL TIME ERROR MONITORING**

For real time error monitoring, I found Raygun. It was ranked at the top of the list on numerous websites that I was checking out. Its 3 main features are:

- Getting full stacktrace information and diagnostic details for every error occurrence or crash
- Filtering through your errors by, date, time, version, tag, host, OS, browser, custom tags and prioritize by number of users affected
- Displaying trends in errors, performance timings, user session traffic and more with customizable dashboards

Raygun also provides a full guided tour as well, but since you need to sign up with email and things of that nature, I didn't participate in it. The website even asks you the reason why you're using that specific tool, and it will adjust it's options and ease of use for you based off of how you're going to be using it.

Link to demo:

<https://raygun.com/request-demo>

I wasn't able to find any documentation on when Raygun was first founded, but I found some numbers that will help attest to the fact that it's been around for quite some time. They've processed over 50 billion errors for their customers, which is pretty insane. They have over 100,000 developers using their platform. What do CocaCola, Dominoes, HBO, and Microsoft have in common? They all use Raygun! 10/10.