

## **Continuous Integration:**

I choose to go With Amazon Web Services, or AWS for Continuous integration.

AWS not only provides a full pipeline for use, but has many small things that help to help lead us to success.

One of the key features that differentiate AWS is their partner solutions. They have a massive network of companies that all work together to provide service, advice, help, and troubleshoot errors and problems, along with being a tool to expand our business and social networks as well.

Along with this the AWS CI and CD systems integrate seamlessly with any other hosting provided by amazon for easy usage, including our own websites, front or back end, and servers.

Getting started with AWS is very easy, if not a little overwhelming with how many resources they have prepared to help. The process is well documented, so much so that even those with minimal knowledge have videos and guides to lead them through the entire process, whether it is back, front, or full stack development.

Signing up is simple, you can either create a new account, or link it to your personal amazon account, depending on the project. For small scale they offer a 12 month trial, and larger sizes have pricing guides. Overall very simple tools and implementation, and because of the size of AWS it is quick to use. Overall a great platform for private or commercial use, with one of the only issues being it is Amazon.

## **Real-Time Error Monitoring:**

For real time error monitoring I Chose Raygun, for no other reason than it's name.

Raygun is a RT Error Monitoring System designed for both large and small alike. It boasts an impressive amount of monitoring while also providing an easy setup with Low amounts of SDKs and line of code, while being able to adjust for larger scale productions as well. Along with scalability, it provides support for most major languages, and some less popular ones as well allowing a large diversity of people to use them.

Pricing is cheap, and they start everyone with a free trial w/o obligations. They are sponsored and supported by many industry names including Microsoft. This leads to a large degree of credibility of their services being productive and efficient.

Their guides and documentation are very clear in the codes to use, and why you use them, providing detailed information for each language they support. Along with this they have demonstrations of the product in use to help introduce new users to the possibilities their system provides. It also has direct support with Heroku and AWS Elastic Beanstalk services.