Step 1: Alternative Tools Research

Jenkins: Continuous Integration Tool

Key features:
- Made for developers, by developers and therefore will continue to improve.
- Unlike CircleCI, Jenkins is open source.
- Free installation
- Hug community-contributes plugin resource

Getting Started Process:
This process is rather straightforward compared to some of the other documentations I have been looking through. It is clean and well layed out. They even have multiple tutorials to help get things started. To start off, There is a user handbook that helps with the installation of Jenkins and the setting up of any required settings. Then you can read through the well-made documentation to learn how to start a project, and/or you can watch the Guided Tour to get introduced to the basics of using Jenkins and Jenkins Pipeline.

Little History:
- Jenkins was originally released in 2011.
- Jenkins is a very dominant tool in the field. However, it is to be noted that a huge part of the domination is in relation to automation.
- On Github, Jenkins appears to be very active, with many plug in projects updated even in the last 30 minutes

Sources:
- https://www.jenkins.io/
- https://www.katalon.com/resources-center/blog/ci-cd-tools/
- https://resources.github.com/whitepapers/practical-guide-to-CI-with-Jenkins-and-GitHub/
- https://github.com/jenkinsci/

Raygun: Real Time Error Monitoring Tool

Key Features:
- Provide full stacktrace info and diagnostic details for every error occurance or crash.
- You can filter errors by many different strategies for ease of use.
- Displays error trends, performance timings, and user traffic through a customizable dashboard.

Getting Started Process:
To get started, I referred to the documentation, where I was presented with easy installation instructions and given key steps towards suing function of the application. They have a free 14-day trial in case I would want to try it before I buy it.

Little History:
- Founded in 2007
- On Githun, Raygun appears to be very active, with a handful of updates in the last week.
- According to their website, the have process 50 billion+ errors, have 1 million+ user over 120+ countries and have 1 billion+ have had better user experience tahnks to them.

Sources:

- https://flatlogic.com/blog/10-best-error-monitoring-and-error-tracking-tools/
- https://www.linkedin.com/company/raygun-io/
- https://github.com/MindscapeHQ
- https://raygun.com/