Datadog is a continuous integration, cloud monitoring, Saas based platform. It has been around since 2010. It covers many other service providers such as AWS, Azure, Google Cloud Platform, Red Hat OpenShift, VMare, and OpenStack. Datadog is better as a server monitoring, network monitoring, log analysis program. You get a free trial. It is pretty straight forward to download.

Sentry is an error monitoring tool. It has been around since 2015. Key features are custom queries, dashboards, cross project issues, distributed tracing, stack tracing, context, breadcrumbs, releases, issue owners. Supports lots of languages such as, JS, Pyhthon, Ruby, Node, IOS, Android. And Integrations such as Github and Heroku. Sentry is free for a single person and $26 a month for a team. Lots of companies use Sentry. It also has a sandbox. (Sentry looks cool).

The results for the extraLargeArray is: 1.471057928 seconds and append 5. 754712 miliseconds.

The results for the tinyArray are insert: 46.18 us and append 110.688 us.

The results for the smallArray are insert: 72.742 us and append is 122.911

The results for mediumArray are insert 5.262015 ms append 421.503 us

The results for the largeArray are insert 15.621768 ms and append is 1.21866 ms

The longer the array, the slower the runtime overall. The append function is faster than the insert function.