Alternative Tools Research

GitLab (CI/CD)

GitLab is one of the top GIT repository hosting services to-date. GitLab is used by companies varying in sizes from small to enterprise level, some well known companies and organizations consist of: IBM, Sony, Goldman Sachs, and NASA. Gitlab ensures the developers can be part of the entire lifecycle of the products so that users may have a high quality experience.

Helpful links to get started with GitLab
- https://docs.gitlab.com/ee/install/
- https://about.gitlab.com/features/
- https://www.simplilearn.com/tutorials/git-tutorial/what-is-gitlab

GitLab is becoming one of the top sites for its tools and features for developers for CI/CD.

Sentry (APM tool)

Sentry has various clients that use its tool for high-quality services, such as Disney, Reddit, Doordash,and Riot games. Sentry uses something called breadcrumbs in order to help track events leading up to the issue or error that was detected. You may use some customization features so that you can make the dashboard experience suit your monitoring needs as you see fit. You can also hide environments in case one was created by accident or is no longer being utilized.

Helpful links to get started with Sentry
- https://docs.sentry.io/product/sentry-basics/
- https://github.com/getsentry/
- https://sentry.io/_/tutorials/

Sentury can be integrated with Source Code Management tools like GutHub, Bitbucket, Azure DevOps, and of course GitLab.