APPSEC DevOps.

It is a Challenge to Identify security vulnerabilities during developing and testing(Unit/Functional) in modern DevOps. If we don’t identify such security vulnerabilities it will cause to many issues like hacking or data theft etc.

We can overcome/resolve the above challenge by integrating OWASP Zed Attack Proxy , Git Secrets in to CI –CD pipeline and it can be monitored with Prometheus.

Git secrets will make sure that no passwords are hardcoded in code before check in to Git hub.

Zed Attack Proxy  can help you automatically find security vulnerabilities in your web applications while you are developing and testing your applications. It’s also a great tool for experienced pen testers to use for manual security testing.

Prometheus can help to monitor application, SCM and Deployment level activities and also possible to customize alerts and dashboard design with help of Grafana .

Benefits :

1. No vulnerabilities code will go to production.
2. 100 % secure application in production
3. Monitors builds fails and Test reports.
4. Custom Dashboard and trigger alerts.
5. Fully Automated.
6. Easily integrated to CI-CD.