**DevOps:** combination of both culture and tools to increase the software delivery throughput by automating software delivery lifecycle.

**Continuous Integration** : checking your code in to scm, compiling it into usable binary code and running some basic validation testing.

**Continuous Delivery :** ci +automation and testing so that you don’t just merge the code with the main code line frequently, but you get the code nearly ready to deploy with almost no human intervention.

**Continuous Deployment :** deploying code to production server without human intervention.

**Jenkins :** open source automation tool which is used build, test, and deploy the software.

**Sonarqube :** It’s a static **analysis** test tool used to analyse your code.

**Jfrog:** is a tool designed to store the binary output of the build process.

**Server** :Accepts the client request and gives the response to request.

**Apache tomcat : Tomcat** is a **web server** ,JavaServer Pages container. It is used as an application **server** for **web**-based application.

**Docker** is a tool to create, deploy, and run applications by using containers.