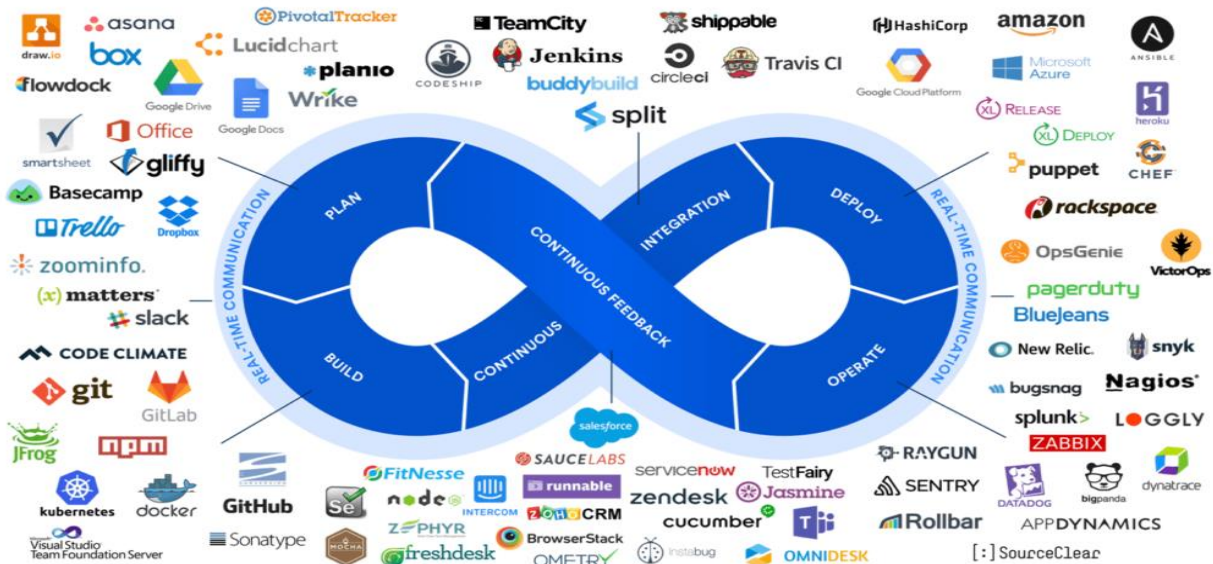




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Mail us - info@sachtechsolution.com
Website - www.sachtechsolution.com

WORKSHOP ON DEVOPS



❖ Introduction To DevOps

- What is DevOps?
- Why to learn DevOps?
- What problems does DevOps address?
- How does DevOps relate to Agile?

#C-86 Industrial Area, Phase 7, Mohali - 160059
+917087425488, 7087425388
Contact - info@sachtechsolution.com
website - www.sachtechsolution.com



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- **What can DevOps do for you?**

- ❖ **Awareness to students about**

- What is DevOps
- Why to Use DevOps
- DevOps tools
- Git version control system
- Docker
- Docker Swarm
- Containers

- ❖ **Configuration Management**

- Puppet
- Ansible

- ❖ **Continuous Integration & Monitoring**

- Jenkins

- **Kubernetes**
- **Nagios**

❖ **Practical To Be Done**

- **Installation Of Docker**
- **Containers in Docker**
- **Configuring Containers**
- **Git Installation**
- **Code Management Using GIT**
- **Web Server Deployment in Docker**
- **Automation Task Using Docker File**
- **Using Ansible and Puppet**
- **Using Jenkins**

❖ Requirements

- **Software**

Window 7,8,10 or Linux

- **Hardware**

Minimum Ram 4 gb , 80 gb HDD

NOTE = internet speed should be at least 4 mbps



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