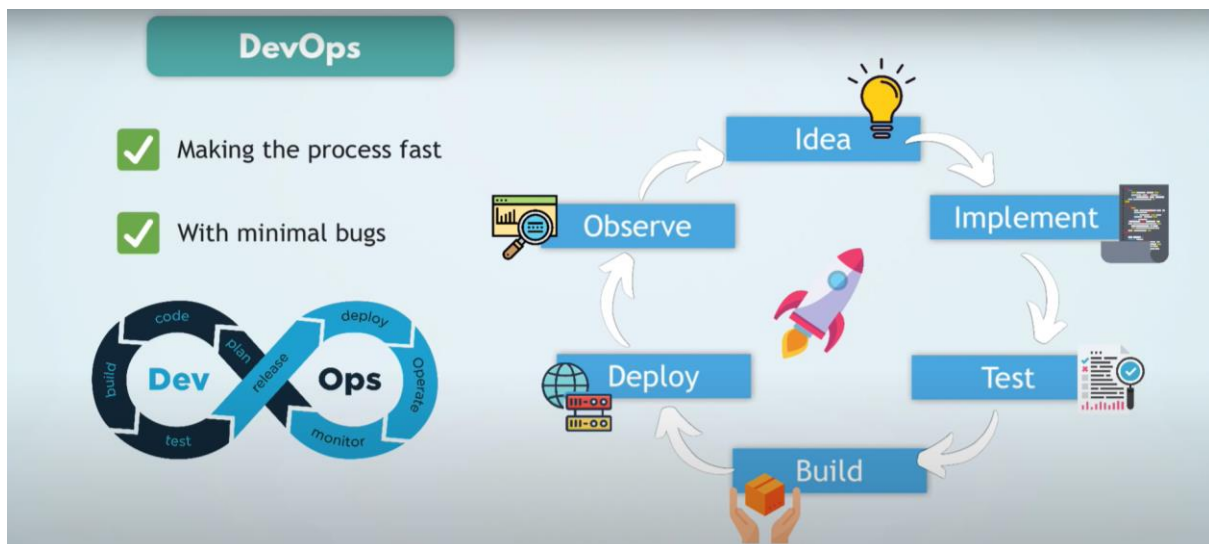
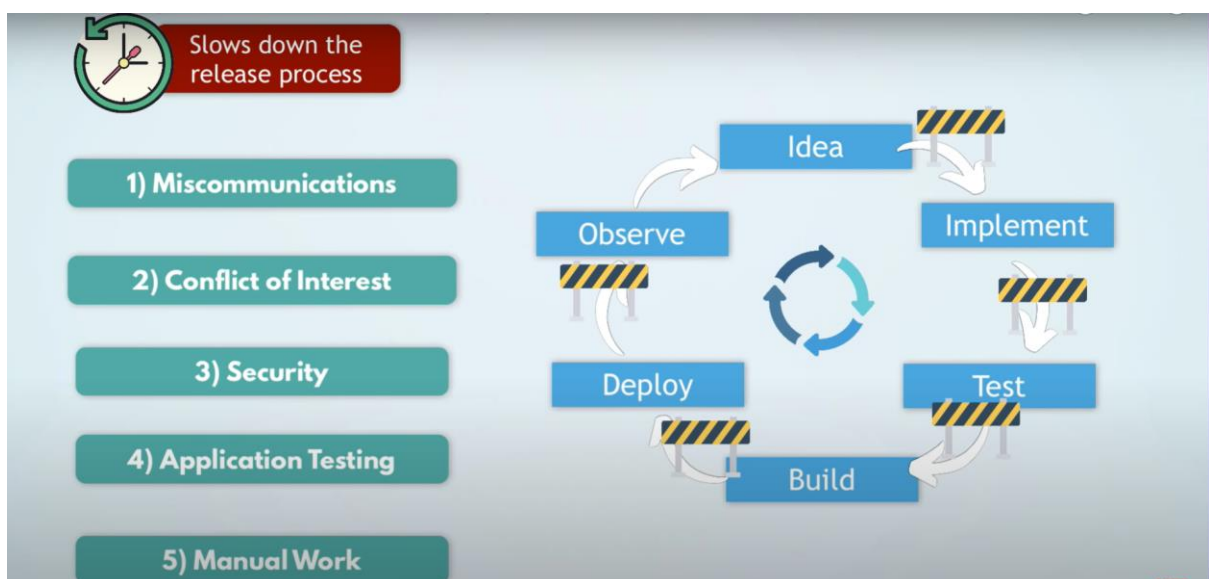
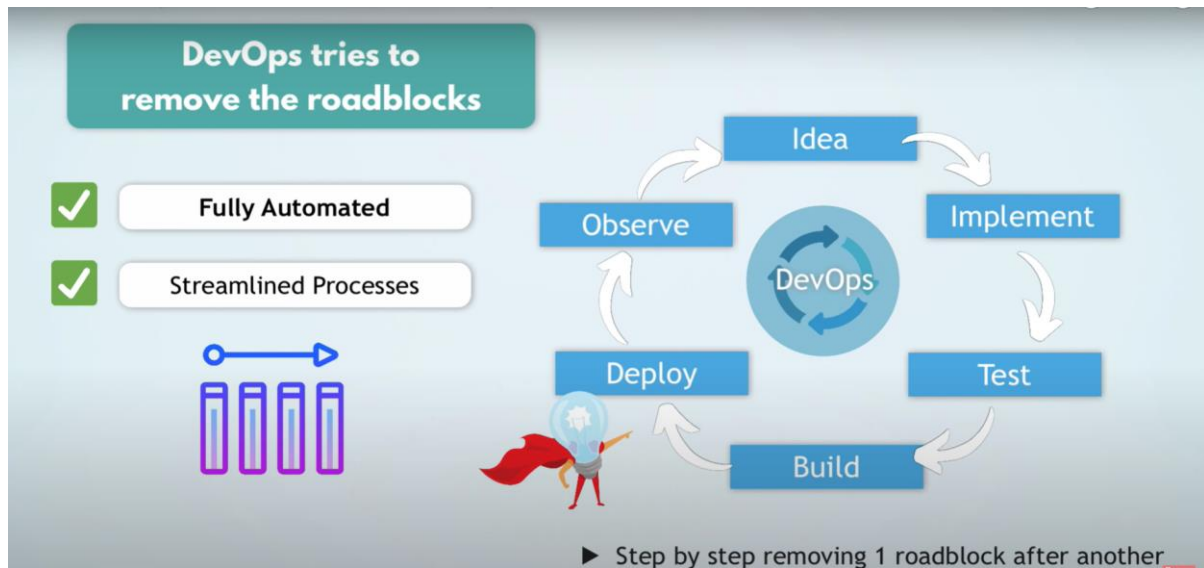


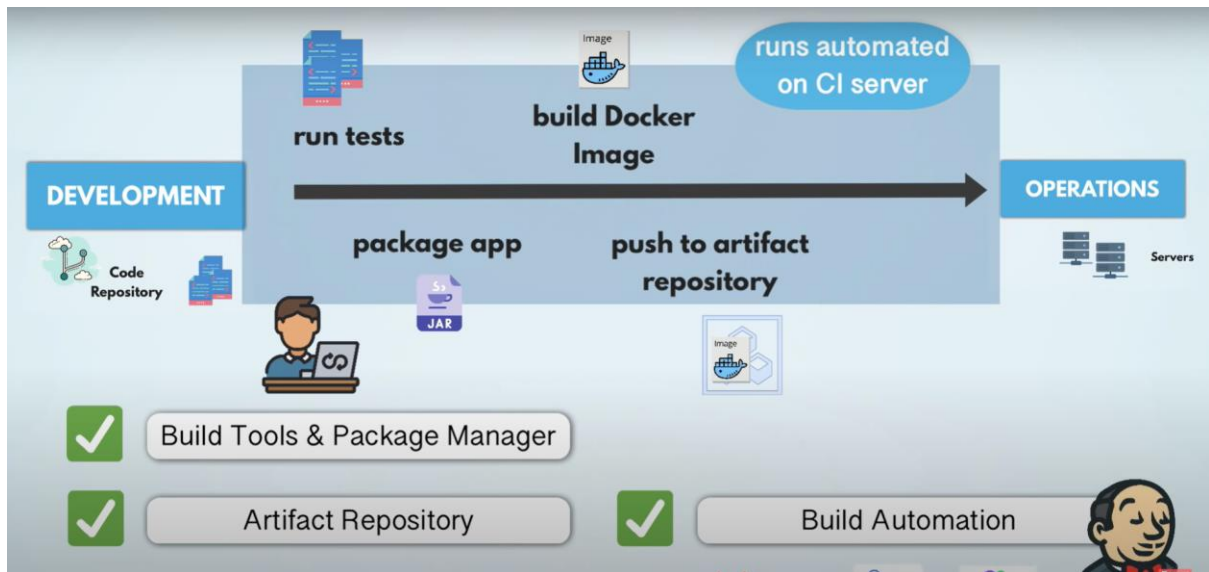
Software Versioning: Major | Minor | Patch => 1.4.2



Development and Operations Challenges:

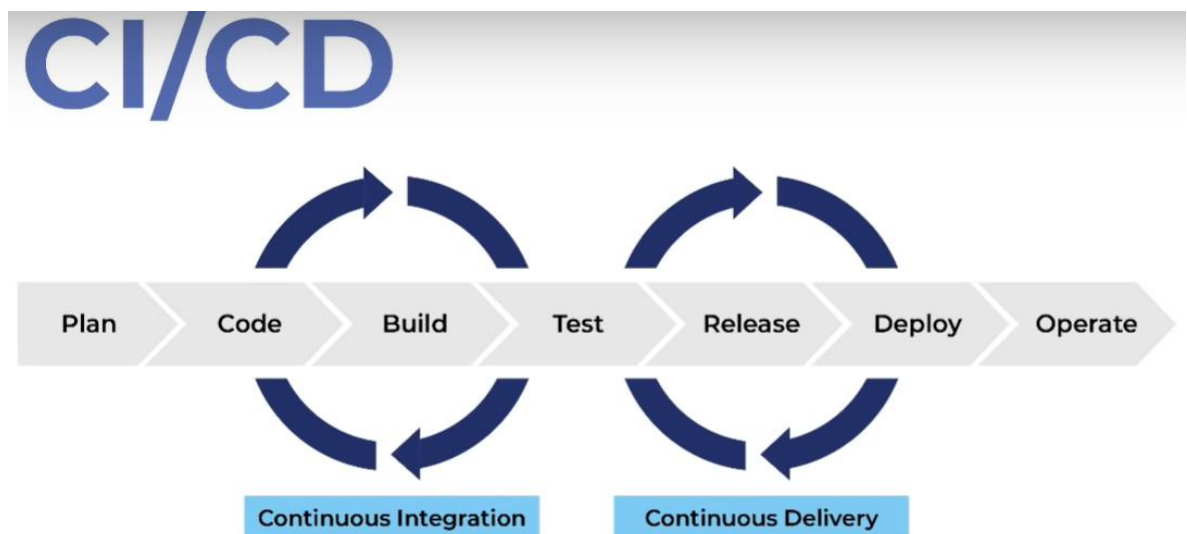






Need to Know:

- Linux
 - o Linux Basics
 - o Comfortable using CLI
 - o Shell Commands
 - o Linux File System
 - o Server Management
- Networking and Security
 - o Firewall, Proxy Servers
 - o Load Balancers
 - o HTTP/HTTPS
 - o IP, DNS Name Resolution
- Containers: Software Packaging Model
 - o Virtualization
 - o Docker
- CI/CD: Automation
 - o Jenkins



- Cloud
 - o Infrastructure as a Service (AWS, Google Cloud, Azure)
- Container Orchestration
 - o Kubernetes
- Monitoring: Track performance | Discover problems
 - o Prometheus
- Infrastructure as Code: Create infrastructure | Configure to run and deploy your application
 - o Infrastructure Provisioning: Terraform
 - o Configuration management: ANSIBLE, CHEF
- Scripting Language
 - o Bash, Power Shell
 - o Python, Go, Ruby
- Version Control
 - o Git



SRE: Site Reliability Engineering

