

Builds of the software applications functionality. Eg: - Gib, Github, Mauen.

- (3) Continuous Testing is executing automated tests, continuously a seperated against. the code Base & the various reprogramment methodology which focuses on Achieving Eg: Appium, Banboo.
- (4) continuous Integration refers to the Bild & unit testing stages of the software release process. Every revision that is Committed triggers as automated Boilds & test.

 Eg: Tenkins, Travis, etc.
- (5) Infrastructure Management

 whithout automation Building & mointaining

 large scale modern without automation.

 IT systems as Be a resource intensive

 undertaking & can laid to increased with

 due to manual error configuration & resource

 management is an automated method

 for maintaining Computer Systems &

 Software in a known, consistent attack.
- (6) Configuration Management

 Totrastructure on code is practice of

 describing all software montime environment

 4 networking setting & parameters in

 Prople textual format, that can be

 stored in your recent version control system

 (VCC) &



versioned on request. The test files are called manifests & are used by borops tools to automotically praision a configure servers, testing, staging & & production environments.

Eg: Chef, soltstack.

Devope Engineer Role: A Devops Engineer manages a Company i.e It infrastructures, bridging Development & Operation, the primary goal is to improve the process 2 efficiency throughout the software Development

Key Pole !-

l'ifecycle.

I CY

facilitator of calaboration: Bridging the gap Between Development operation

& 2A teams to stramline communication.

Automation specialist:

Automate repetative tasks like testing Deployment 2 monitoring.

Continuous Integration & Continuous Delivery (CI/CD). besign implement & maintain colon pipelines

to enable faster, reliable & repeatable oftware releases.

Infrastructure on Gode !we took like Terrajorm, Ansible or cloud

formation to Define a provision infrastructual through code.

monitoring 2 trailent Management
set up monthaning system to track application

performance h troubleshoot "sive in real time" It also ersures that systems are resistent of Downtine

6.	croud & Infrastructure Management.
	Dealow manage of office
9.1000	cloud Platform like Hus Marie
And Asias	cloud, also Hardin Contagner Archestration.
	The state of the s
=#	Key Responsibilities
(1.)	Collaboration & Planking?
	work with nevelopment & operations teams to
40 -	plan 2 resign scalable Solution.
(2.)	configuration management:
325.39	uses tools like Puppet they or Arcible to
ta sera jez	manage some configuration & ensure
(3.)	Pipelin management
	Pipeline management Maintain CI/CD pipelines to ensure seanless
	Boild Test & Deployment workflows.
(41)	
no kara	Implement monitorry rook like promerthen
	avayana or splunk to track system Health
	a measurement performance.
(5.)	Support à Frouble shooting.
	respond to incidents & resolve production
SAUTE DE	issues promptly a identity most courses of
机物作作品	failure à implement fines.
(6,)	
	soumest system configurations Deployment
	procees a troubleshooting guides.
	CONTRACT BURNESS OF THE PARTY O
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