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	Assignment 2 Shashwat Shah
	60004220126
	TYBtech lomps B
ان	Also: What is Devops tookhain and why it is it
	Important in software development
	key Devors fundamentals rebolive poround the concepts of
	continous integration continuous delivers automation and
	collaboration
_	s Since Devops is more of a practice than technology theres
	10 sigle tool and can do justice to all stope of sollware
	developent. Rather devops forms a series of tools.
-	There are a number of open-source demons tools
	available (hibbing them together based on your needs
	make a devops toolchan.
_	This toolchan is banealy a set of various tools that
	solves a particular problem
	Devops took typically includes tooks jor:
	a) version control e) continuous deployment
9	b) (orannou integration s) (ordanienzation
	c) archesteration 1) monitory and logging
	-d) collaboration n) ingrandemente ou code (lak)
	Devois toolcheir important jur vous veasons.
	a) Automaton - It automates reportine tasks such as
	builder testing and deploying code change, reducey
	manual orors and indicary efficiency.
	D) Improved collaboration - Devops fromotes collaboration
	between deverpensed, appearance and other teams leady
	to letter communication shared goals and finder
5	problem resolution.
(Jundaran)	FOR EDUCATIONAL USE

	c) cost-flecturemen & high analy software
92	Decker he st
	nocker Raemon
	Docker dust Docker
	docken build (ordances registery
	docker pull [] haspo
	docker run
	J -
	O Docker uses a client - Server architecture
	3) The Locker client talks to me Locker doemon, which -
	does the heavy lifting of buildry, running and -
	5) Docker Chen -
	the use commonds and Rut API's to communicate
	Doctor hart a is well in
	Docker host - is used to provide an environme
	to execuse and Yun applications
P.	16 contain the docker darmon, images containers, network and storage
<del></del>	a) nodes xerrey
	Manyer and stokes the tocker image. Public registery
	without the whole wored also called Jocker hub
	Pocher Objects.
	nocker knows are read-only binary remplates used to
	create docker containers.
Sundaram)	FOR EDUCATIONAL USE

Explain the concept of containerization and how docker
implements it:
D contanerration is a technilogy that allows you to
package and isolate application with their depandances
into a single line weight and partable window.
@ tach container two as an isolated process sharing
The same underlying operating system
3) Docker is a popular platform for implemently contameruation
@ Docker miges contain everything needed to min
an application
5) These images are of used to create docker containers
which can be run on any system that has tocker
installed nakop men highly partible
6 pocker peorides root for building distributing and
running container makey it easier for developer
and operators teams to package, deploy and
Manage applications in a considert and efficient
names,
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