

Workshop on DevOps

DATE: 11/04/2021

The virtual workshop started at 10am with a welcome speech which was given by Khushboo Chaudhari (SE IT) to Mr. Vipul Kashyap from TE-IT and all the participants. The resource person Mr. Vipul Kashyap reflected his profound knowledge on the topic and highlighted how important DevOps is in the field of software development.

The workshop began with a basic introduction on what is DevOps. It was explained through a powerpoint presentation which was created by the resource person. Thereafter he elaborated the process of software development using DevOps. The presentation made it more easy to understand the whole concept. The entire product cycle was explained with the help of real life examples which helped the students to connect with the topic. Moving on the students were enlightened on Deployment and virtualization which galvanized the engrossed participants. Further he gave an insight on the use of Git and Github that will help the students in their future projects. He also mentioned about building applications with its illustration starting from basic to advanced level. After that there was an interesting talk over on 'Docker vs Kubernetes' that illuminated the young minds. He also shared his knowledge on the use of Docker CLI. Following, there was hands-on experience in programming on docker and basics about kubernetes. Also the participants were enhanced on the scope with DevOps. An interactive session was conducted in the end that ignited the inquisitiveness of participants and everyone felt more such technical workshops should be organised at regular intervals. The informative workshop culminated with a vote of thanks proposed by Khushboo Chaudhari (SE IT).

The event took place online on Zoom meeting application. Around 40 students participated in this event each of which were given an e-certificate for the same.

Student Feedback and Benefits

Students learnt about the concept of DevOps. Technologies such as Kubernetes and Docker was understood and implemented. The overall feedback about the session was positive.

sd/-
Teena Varma
CSX Coordinator

sd/-
Jyotsna More
CSX Convener

sd/-
Dr. Y. D. Venkatesh
Principal

Event Coordinator(s)

1. Prof. Jyotsna More
2. Prof. Teena Varma

Student Coordinator(s)

1. Swarangi Gawli
2. Merlyn Koonamparampath
3. Khushboo Chaudhari
4. Shubham Bhattad

Event Speaker:

Mr. Vipul Kashyap

Time & Place:

10 am on Zoom

No of participants: 40

Xavier Institute of Engineering
Computer Society of Xavierites
presents

Workshop on DEVOPS

Resource Person:
 Vipul Kashyap

Registration Fee: Free

Time: 10am - 2:45pm
Date: 11 April 2021

Contact Details:
Swarangi - 8879410017
Merlyn - 9930421406
Shubham - 8291612305
Khushboo - 7391032148



Zoom Meeting

Recording

00:16:37

Shubham Bha...
Anurag Yadav

Khushboo Chau...
A

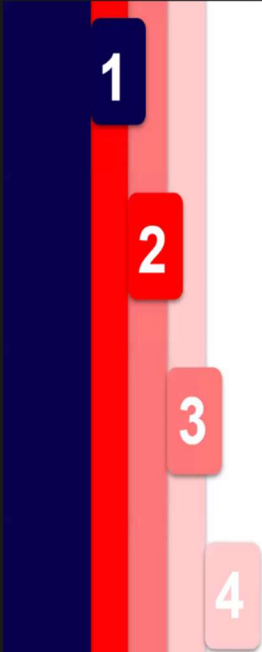
Vipul Kashyap

463 Swarangi G...
B

456 Bhavin Ja...

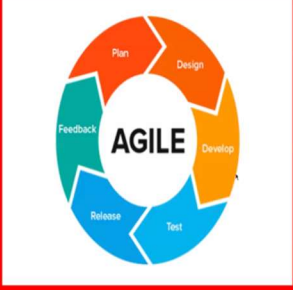
INTRODUCTION

1. What is DevOps
2. Software Development
3. Development and deployment
4. Docker vs kubernetes



Zoom Meeting

Recording 00:19:37



The diagram shows the AGILE process as a circular flow with the word "AGILE" in the center. The stages are: Plan (orange), Design (yellow), Develop (orange), Test (blue), Release (blue), and Feedback (teal).

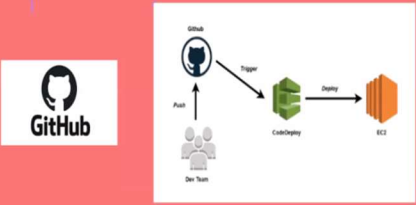
Khushboo Chau...	Shubham Bha...	Vipul Kashyap	463 Swarangi G...	A
B	Riya Sawant	Yash Chitroda	U	Vinod Vaman B...
BHARAT KUMA...	Y	Vansh Agarwal	C_54_Alisha A...	M
Tania	N	Dhruv Darji	Sandeep Sahani	Joshua Paul
MOHAMMAD A...	MOHIT PATIL	VANRAJ Pardeshi	Adish	chirac parmar

50 50

Zoom Meeting

Recording 00:23:36 View

Deployment



The diagram illustrates a deployment pipeline. It starts with a "Dev Team" pushing code to "GitHub". A "Push" event triggers a "Build" process. The build output is then "Deployed" to "ECS".

Khushboo Chau...	Shubham Bha...	Vipul Kashyap	463 Swarangi G...	A
B	Riya Sawant	Yash Chitroda	U	Vinod Vaman B...
BHARAT KUMA...	Y	Vansh Agarwal	C_54_Alisha A...	M
Tania	N	Dhruv Darji	Sandeep Sahani	Joshua Paul
MOHAMMAD A...	MOHIT PATIL	VANRAJ Pardeshi	Adish	chirac parmar

34 52

Leave

Zoom Meeting | Recording | 00:30:50 | View

Participants (42)

Find a participant

- Shubham Bhattad (Co-host, me)
- Anurag Yadav (Host)
- Vipul Kashyap (Co-host)
- 463 Swarangi Gawli (Co-host)
- Khushboo Chaudhari (Co-host)
- Merlyn (Co-host)

Chat

yes

From Vinod Vaman Bhat to Everyone:

yes

From Nikshita Shetty to Everyone:

yes

From Anurag Yadav to Everyone:

Lockdown se cancel

To: Everyone | File | ...

Type message here...

Zoom Meeting | Recording | 00:40:10

Docker Vs Kubernetes

Docker is a set of platform as a service products that use OS-level virtualization to deliver software in packages called containers.

Containers are isolated from one another and bundle their own software, libraries and configuration files; they can communicate with each other through well-defined channels.

Participants (39)

Find a participant

- Shubham Bhattad (Co-host, me)
- Anurag Yadav (Host)
- Vipul Kashyap (Co-host)
- 456 Bhavin Jain (Co-host)
- 463 Swarangi Gawli (Co-host)
- Khushboo Chaudhari (Co-host)

Chat

yes

From Anurag Yadav to Everyone:

Lockdown se cancel

From Me to Everyone:

yes

From Yash Mistry to Everyone:

yes

To: Everyone | File | ...

Type message here...

The image shows a Zoom meeting interface. On the left, a presentation slide titled "50" is displayed, showing a grid of contributions and a list of activities. The main area shows a gallery view of participants, with "Vipul Kashyap" highlighted in a yellow box. On the right, a chat window is open, showing a list of participants and a chat history with messages like "yes" and "From 432 Sahil Desai to Everyone: 10:14 AM".

Zoom Meeting (Recording) 00:27:25

Participants (39)

Find a participant

- Shubham Bhattad (Co-host, me)
- Anurag Yadav (Host)
- Vipul Kashyap (Co-host)
- 463 Swarangi Gawli (Co-host)
- Khushboo Chaudhari (Co-host)
- Merlyn (Co-host)

Chat

yes

From 432 Sahil Desai to Everyone: 10:14 AM

yes

From Vinod Vaman Bhat to Everyone: 10:18 AM

yes

From Nikshita Shetty to Everyone: 10:18 AM

yes

To: Everyone

Type message here...

Report prepared and submitted by –
Swarangi Gawli
TE-COMP