



Carrier opportunities in the field of Devops

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- ⁺ • Before we start:
for reference

Views are mine and not of my
employer

I am not advocating any one...

Name of any vendor is only

I have no intention of any promotion



- DevOps Cultural Philosophy

Transitioning to DevOps requires a change in culture and mindset. At its simplest, DevOps is about removing the barriers between two traditionally siloed teams, development and operations. With DevOps, the two teams work together to optimize both the productivity of developers and the reliability of operations. They strive to communicate frequently, increase efficiencies, and improve the quality of services they provide to customers. They take full ownership for their services, often beyond where their stated roles or titles have traditionally been scoped by thinking about the end customer's needs and how they can contribute to solving those needs. Quality assurance and security teams may also become tightly integrated with these teams. Organizations using a DevOps model, regardless of their organizational structure, have teams that view the entire development and infrastructure lifecycle as part of their responsibilities.



DevOps is
considered to be
a culture and not
a job

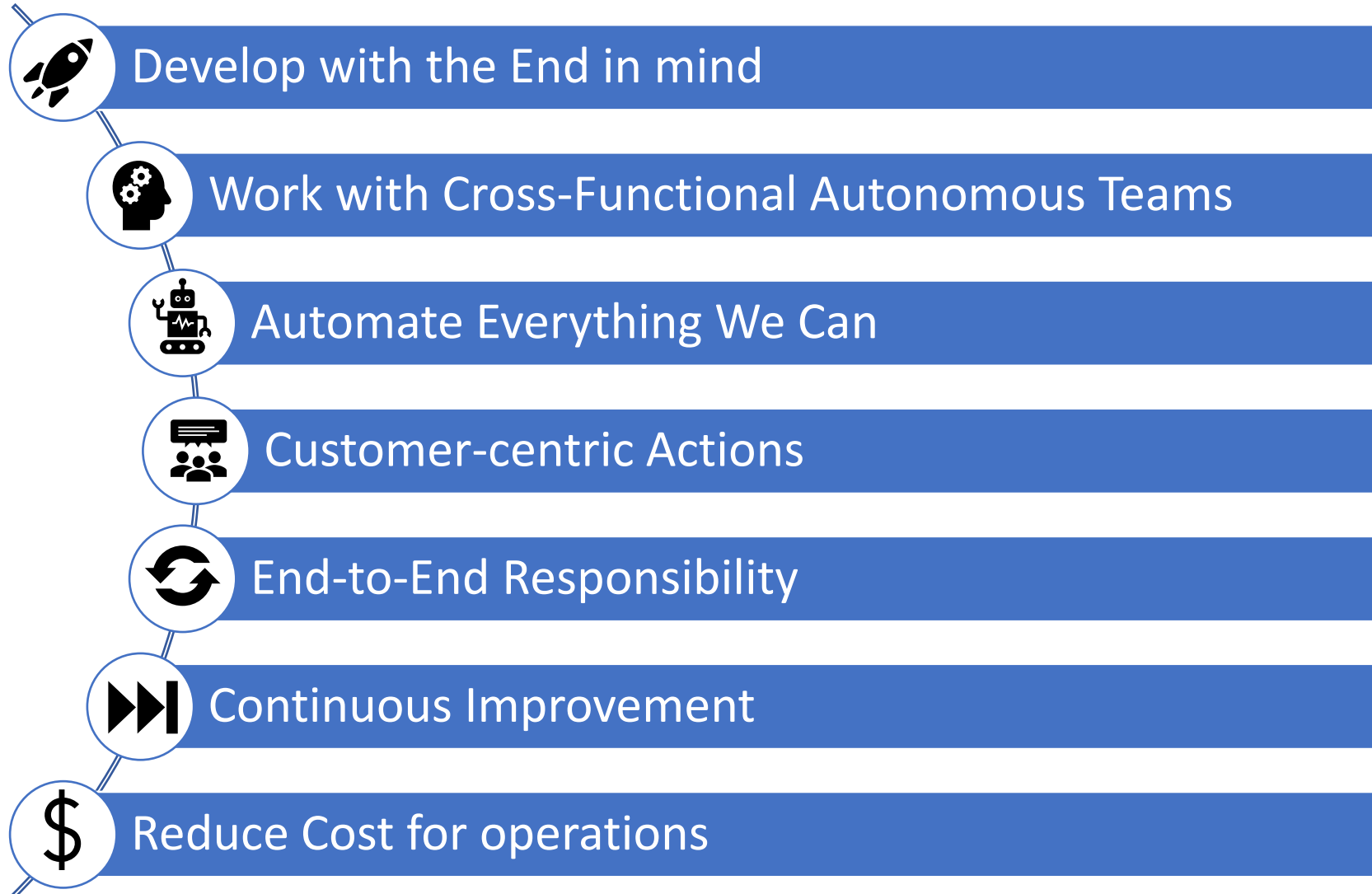


Mindset
Change

Delivery to
Ownership




DevOps Engineer Principles





What is a DevOps engineer?

A DevOps engineer is an IT generalist who should have a wide-ranging knowledge of both development and operations, including coding, infrastructure management, system administration, and DevOps toolchains. DevOps engineers should also possess interpersonal skills since they work across company silos to create a more collaborative environment.



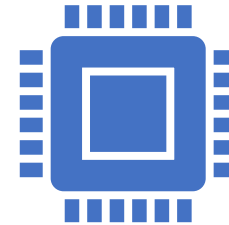
There 3 types of DevOps engineer



**DevOps engineers with
a dev bias**



**DevOps engineers with
an ops bias**



**Site reliability
engineers (SRE)**

What are core skills I should have as a DevOps Engineer?



**Operating
systems**



Scripting



Cloud

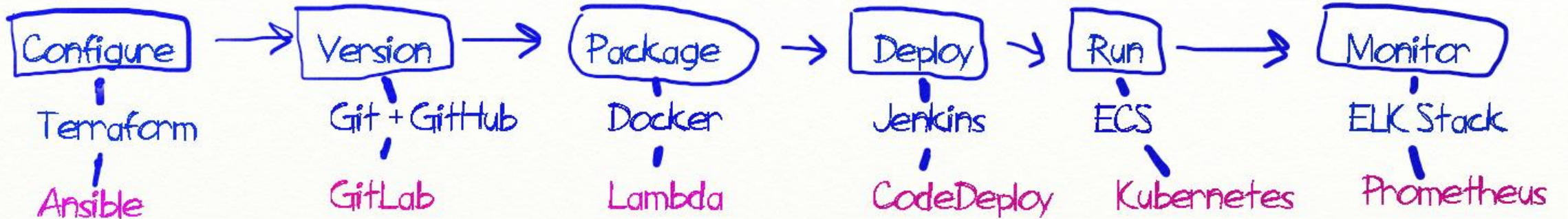


**Programming
languages**



Containers

Day in life of DevOps Engineer



Enough Talk, Where Do I Start?

01

Start cross-training now

02

Build the skills in the job you have for the job you want

03

Automation: Prove you can get a lot done with a little

04

Develop your personal brand with community involvement

05

Demonstrate curiosity and empathy

Start cross-training now

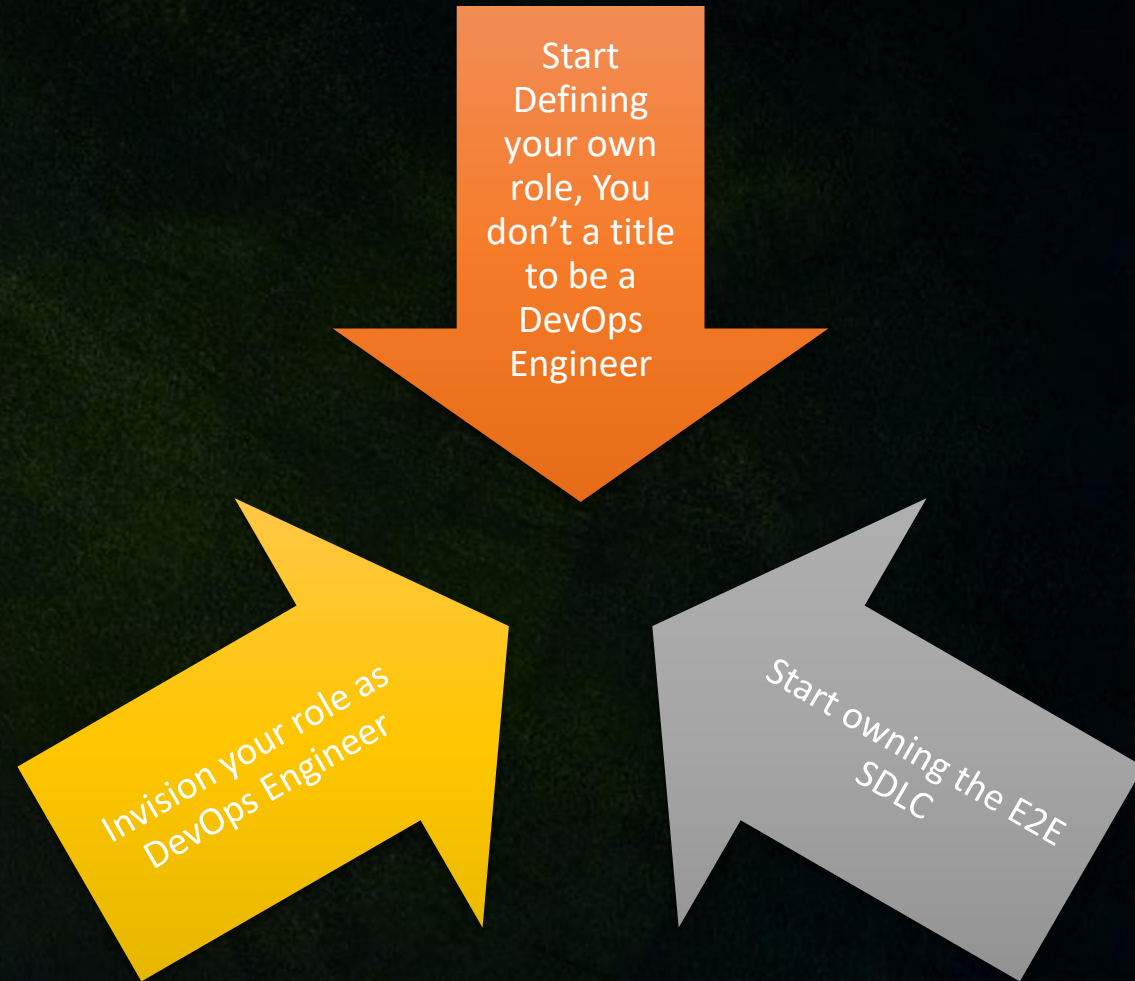


Whether you're a developer or an operations veteran, now is the time to start acquiring skills outside your current role's comfort zone, especially if you're still green to DevOps

Obtain practical experience by using your skills as a software engineer to build tools rather than software

Document your work as code and spend time learning automation frameworks

Build the skills
in the job you
have for the
job you want



Automation: Prove you can get a lot done with a little

Establish a mastery of automation tools and practices is perhaps the single most important thing budding DevOps engineers can do to improve their earning power and marketability

Study automation! If you're stuck with tedious manual work, you'll never have time to learn new things, and you probably won't be happy

Automation also requires a deep understanding of what you're automating, so all the time you spend working on automation, you're really learning new insights into the technologies you're supporting

Develop your personal brand with community involvement



Career marketability is both about building intrinsic skills and finding a way to put them on display



Get involved in DevOps community : Participation in the DevOps community shouldn't just be approached as a way to further a career, but rather as a way to connect with other practitioners, get help, and gain exposure to new ideas



Contribute to Opensource Projects : Involvement in open-source projects related to DevOps is big opportunity to show what you know and what you can do

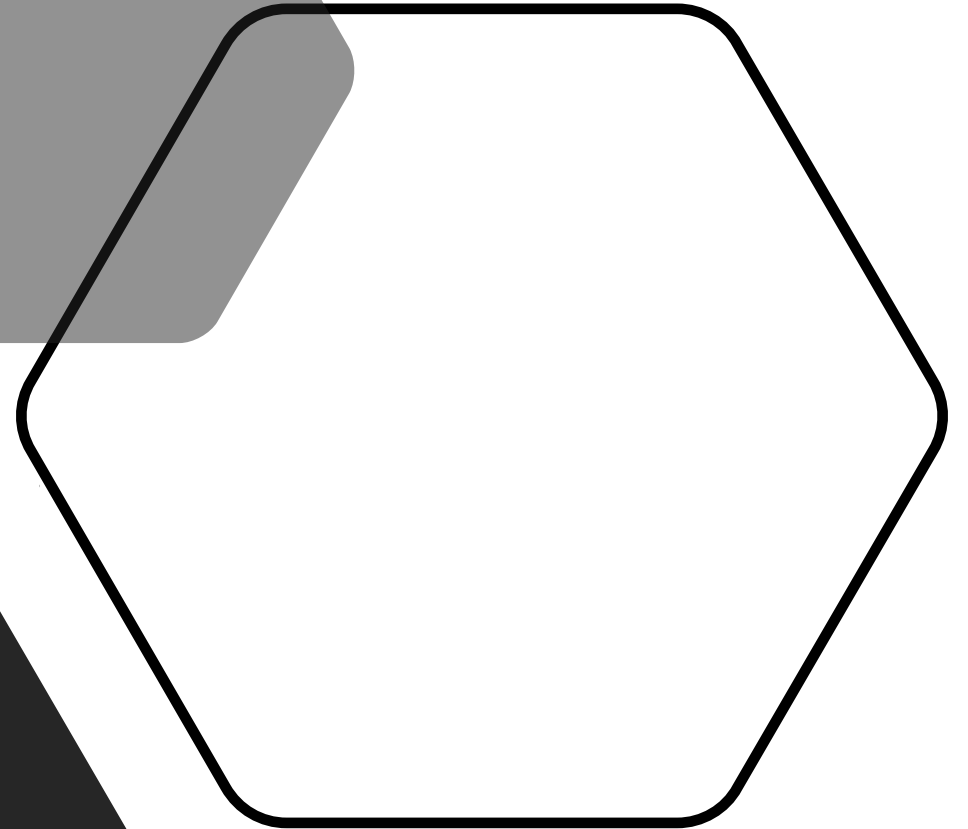
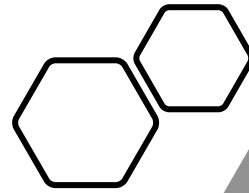
Demonstrate curiosity and empathy



Curiosity and empathy are perhaps two of the most valuable soft-skill traits a potential DevOps engineer can demonstrate.

Demonstrating these two qualities is a very good sign that a potential employee will care deeply about DevOps, the company, and their role within both

Certification



your professional certification is key to opening the doors to plentiful employment opportunities in various companies. Engineers with the Professional DevOps certification are in high demand today. You're at a great advantage if you've got the credential under your belt.

+ And that's it.. Its easy.. Just get +
• on to it and you will be fine •

Thanks You

Browser tabs: (no subject) - shekhar.disawal@g, Meet - ytv-bwfg-zpc

Address bar: meet.google.com/ytv-bwfg-zpc

Browser bookmarks: Apps, Logo of Governme..., vb, Get, Functions - C Progr..., Double Linked List..., Html5, Security Testing Too..., Software Engineeri..., Typical Web Applic..., Reading list

Main video feed: ViceChancellor VikramUniversityUjjain

Participant grid:

- Geetika Singh
- Subodh Shrivastava
- UMESH KUMAR SINGH
- kshamasheel mishra
- V K Saxena
- Dr Rajeshwar shastri ...
- 30 others
- You


Meeting controls: 11:45 | ytv-bwfg-zpc, Mute, Video, Screen Share, More, End Call

Windows taskbar: Type here to search, 26°C, 11:45 AM, 28/08/2021

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meet.google.com/ytv-bwfq-zpc

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UMESH KUMARSINGH

12:16 | ytv-bwfq-zpc

23 others You

12:16 PM 28/08/2021

The image shows a Google Meet interface. The main window displays a video of a man with glasses and a white shirt, identified as Umesh Kumar Singh. To the right is a gallery of other participants: Rajendra Gang, kshamasheel mishra, brahma shukla, Geetika Singh, Subodh Shrivastava, and Anadi Upadhyaya. There are also icons for '23 others' and 'You'. The bottom of the screen shows a Windows taskbar with a search bar, various application icons, and system tray information including the time (12:16 PM) and date (28/08/2021).

Browser tabs: (no subject) - shekhar.disawal@g, Meet - ytv-bwfq-zpc

Address bar: meet.google.com/ytv-bwfq-zpc

Navigation bar: Apps, Logo of Governme..., vb, Get, Functions - C Progr..., Double Linked List..., Html5, Security Testing Too..., Software Engineeri..., Typical Web Applic..., Reading list

Meeting Grid:

- Pragyasingh Tomar
- UMESH KUMAR SINGH
- Abhishek Tripathi (Active)
- Shailendra dhakad
- Pratik Malviya
- Mitali Dixit
- Vishal Yadav
- Geetika Singh
- Ashutosh Kumar
- brahma shukla
- Keerti Dixit
- ViceChancellor VikramUni...
- Kamal Bunkar
- kshamasheel mishra
- 9 others
- You

People Panel:

Search for people

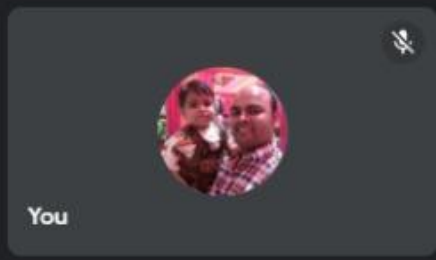
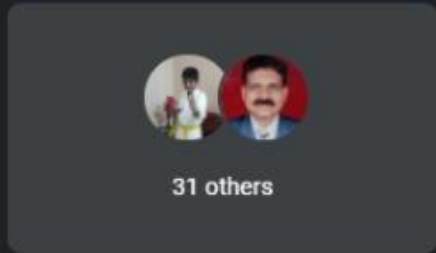
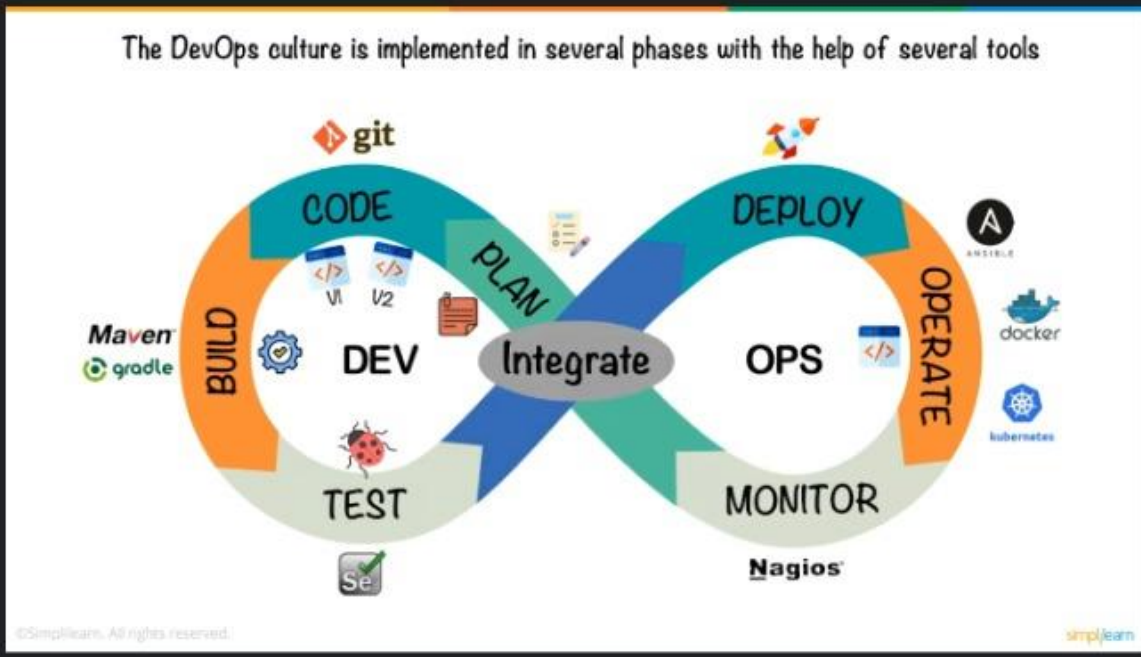
In call:

- shekhar Disawal (You)
- Abhishek Tripathi
- Anadi Upadhyaya
- Ashutosh Kumar
- bhupendra pandaya
- brahma shukla
- Deenashi Savana

Meeting Controls: 11:30 | ytv-bwfq-zpc, Mute, Video Off, Screen Share, More, End Call

Windows Taskbar: Type here to search, File Explorer, Edge, Teams, Mail, OneDrive, VLC, Office, Chrome, PowerPoint, Word, Excel, Teams, 26°C, 11:30 AM 28/08/2021

Abhishek Tripathi is presenting



People

Search for people

In call

- shekhar Disawal (You)
- Abhishek acharya
- Abhishek Tripathi
- Abhishek Tripathi Presentation
- Adarsh Sharma
- Anadi Upadhyaya




(no subject) - shekhar.disawal@g Meet - ytv-bwfq-zpc (1) WhatsApp

meet.google.com/ytv-bwfq-zpc

Abhishek Tripathi is presenting

You are sharing your entire screen. Stop Sharing

Develop your personal brand with community involvement

-  Career marketability is both about building intrinsic skills and finding a way to put them on display
-  Get involved in DevOps community : Participation in the DevOps community shouldn't just be approached as a way to further a career, but rather as a way to connect with other practitioners, get help, and gain exposure to new ideas
-  Contribute to Opensource Projects : Involvement in open-source projects related to DevOps is big opportunity to show what you know and what you can do

12:09 | ytv-bwfq-zpc

Type here to search

28°C 12:09 PM 28/08/2021

Participants: Abhishek Tripathi, kshamasheel mis..., UMESH KUMAR SI..., Geetika Singh, V K Saxena, Subodh Shrivastava, Pratik Malviya, 22 others, You

Browser tabs: (no subject) - shekhar.disawal@g... Meet - ytv-bwfq-zpc WhatsApp

Address bar: meet.google.com/ytv-bwfq-zpc

Navigation bar: Apps, Logo of Governme..., vb, Get, Functions - C Progr..., Double Linked List..., Html5, Security Testing Too..., Software Engineeri..., Typical Web Applic..., Reading list

Main Meeting Area:

- Large video window: Balkrishna Patidar
- Thumbnail: Geetika Singh
- Thumbnail: kshamashree/mishra
- Thumbnail: 21 others
- Thumbnail: You

People List:

- anushka tiwari
- Balkrishna Patidar
- bhupendra pandaya
- brahma shukla
- Geetika Singh Meeting host
- Govind Sethiya
- Kamal Bunkar
- Keerti Dixit

Meeting Controls:

- 12:34 | ytv-bwfq-zpc
- Microphone, Video, Screen Share, More, End Call
- Info, Participants (25), Chat, Alert

Windows Taskbar:

- Search: Type here to search
- Icons: File Explorer, Edge, OneDrive, Mail, Infinity, VLC, Teams, Store, Chrome, PowerPoint, Word, Help, Cloud, 28°C, Network, Volume, Keyboard, ENG, 12:34 PM 28/08/2021

Browser tabs: (no subject) - shekhar.disawal@g, Meet - ytv-bwfq-zpc, WhatsApp

Address bar: meet.google.com/ytv-bwfq-zpc

Navigation bar: Apps, Logo of Governme..., vb, Get, Functions - C Progr..., Double Linked List..., Html5, Security Testing Too..., Software Engineer..., Typical Web Applic..., Reading list

Main Video: Govind Sethiya

Participant Grid:

- Rajendra Gang
- UMESH KUMAR SINGH
- Geetika Singh
- Subodh Shrivastava
- kshamasheel mishra
- Shivam Tiwari
- 20 others
- You

Meeting Controls: 12:29 | ytv-bwfq-zpc, Mute, Video Off, Screen Share, More, End Call

Windows Taskbar: Type here to search, File Explorer, Edge, OneDrive, Mail, Teams, Zoom, Chrome, PowerPoint, Excel, Word, Help, Network, 28°C, ENG, 12:29 PM 28/08/2021

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meet.google.com/ytv-bwfq-zpc

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Anadi Upadhyaya

Subodh Shrivastava

kshamasheel mishra

Abhishek Tripathi

Geetika Singh

Sandeep Shrivastava

UMESH KUMAR SINGH

20 others

You

12:23 | ytv-bwfq-zpc

Type here to search

28°C 12:23 PM 28/08/2021

Detailed description: This is a screenshot of a Google Meet browser window. The main video feed shows a man named Anadi Upadhyaya speaking. To the right is a gallery of other participants: Subodh Shrivastava, kshamasheel mishra, Abhishek Tripathi, Geetika Singh, Sandeep Shrivastava, UMesh KUMAR SINGH, a group of 20 others, and 'You'. The browser tabs include 'shekhar.disawal@g', 'Meet - ytv-bwfq-zpc', and 'WhatsApp'. The address bar shows the meeting URL. The Windows taskbar at the bottom displays the time as 12:23 PM on 28/08/2021, the temperature as 28°C, and various application icons.

(no subject) - shekhar.disawal@g... Meet - ytv-bwfq-zpc (2) WhatsApp

meet.google.com/ytv-bwfq-zpc

Apps Logo of Governme... vb Get Functions - C Progr... Double Linked List... Html5 Security Testing Too... Software Engineeri... Typical Web Applic... Reading list



Sandeep Shrivastava

12:18 | ytv-bwfq-zpc

UMESH KUMAR SINGH

kshamasheel mishra

Abhishek Tripathi

Geetika Singh

Shivam Tiwari

Rajendra Gang

22 others

You

12:18 PM 28/08/2021

28°C

ENG

Type here to search

Browser tabs: (no subject) - shekhar.disawal@g... Meet - ytv-bwfq-zpc (2) WhatsApp

Address bar: meet.google.com/ytv-bwfq-zpc

Navigation bar: Apps, Logo of Governme..., vb, Get, Functions - C Progr..., Double Linked List..., Html5, Security Testing Too..., Software Engineeri..., Typical Web Applic..., Reading list

Main Video Area: Large video of Rajendra Gang (pinned), name: Rajendra Gang

Participant Grid:

- UMESH KUMAR SINGH
- kshamasheel mishra
- Abhishek Tripathi
- Geetika Singh
- Subodh Shrivastava
- Anadi Upadhyaya
- 23 others
- You

Meeting Controls: 12:16 | ytv-bwfq-zpc, Mute, Video Off, Screen Share, More, End Call

System Tray: Windows logo, Search (Type here to search), Taskbar icons (File Explorer, Edge, Teams, Mail, Zoom, VLC, VS Code, Office), System icons (28°C, Network, Sound, Language: ENG, Date: 12:16 PM 28/08/2021)