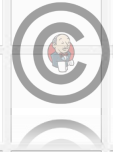


About me – Karan



Karan Gupta

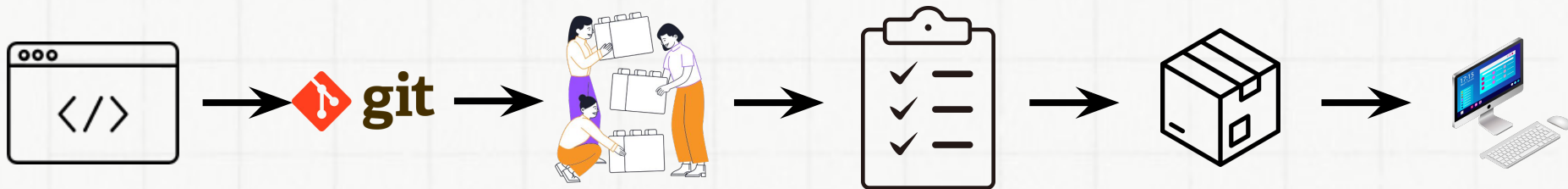


- I'm Karan Gupta
 - I'm 5x AWS certified, 2x Azure, CKA certified
 - Have worked with startups, Mid-Size and MNCs as a Devops Engineer.
 - Published over 10+ research papers
-
- In free time, I love travel to new destination
 - Workout enthusiast



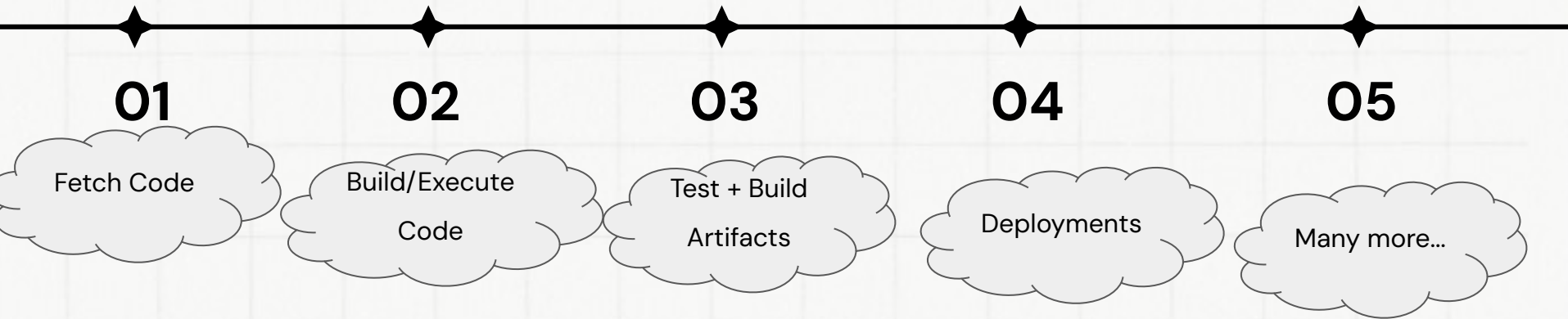
Automation

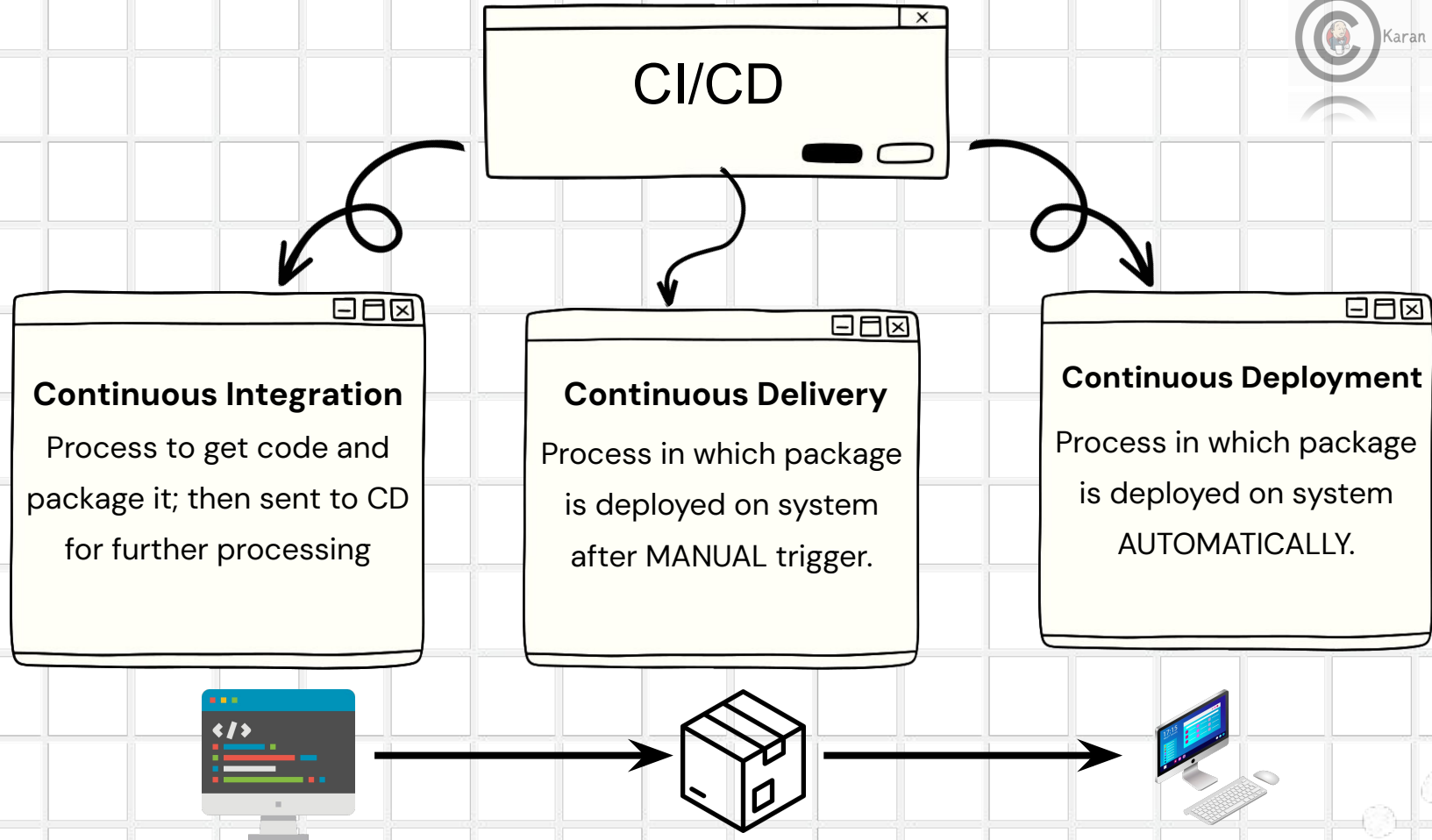
- Process of using tools and technologies to perform tasks automatically, without manual intervention



CI/CD process

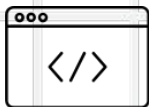
- Jenkins plays a crucial role in DevOps by automating continuous integration and continuous delivery (CI/CD) processes



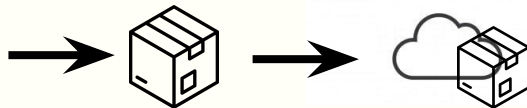




Karan Gupta



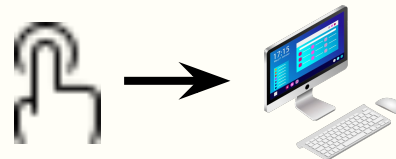
Continuous Integration ...



Continuous Deployment



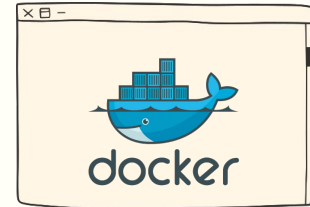
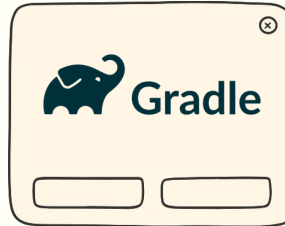
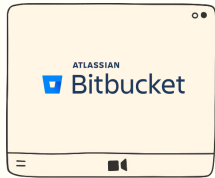
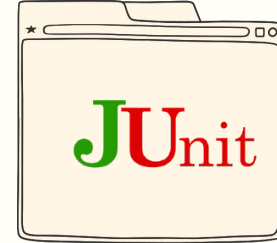
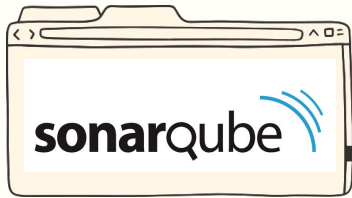
Continuous Delivery



Tools



Karan Gupta



Why DevOps ?

Accelerated
software
delivery

Increased
collaboration

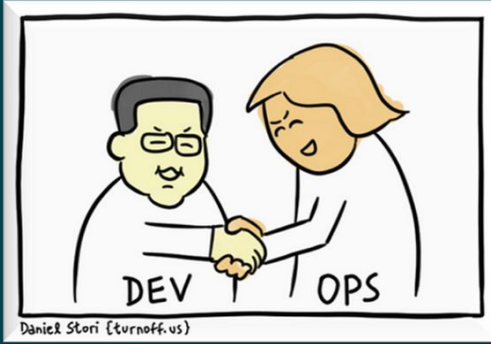
Enhanced
quality

Improved
reliability

Scalability and
flexibility

Market In
demand Skill

What does a DevOps Engineer do?



Collaboration between development and operations

Continuous integration and delivery

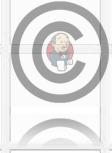
Application availability

Infrastructure management

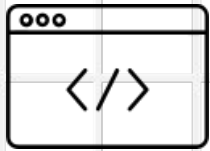
Product Deployment

Maintenance and Troubleshooting

Architecture



Karan Gupta



git



Maven



ANSIBLE



HashiCorp

Terraform



