

# L4DX - A Lab For Your Digital Experiments

2 Months



Apply Now

## ***Build. Deploy. Automate.*** **Hands-On DevOps with Kubernetes**

Experience 50+ DevOps tools, build automated workflows, deploy applications on Kubernetes on a simulated corporate environment.

A Comprehensive DevOps Programs Powered by **Narrow Labs Technologies Pvt Limited**

# L4DX - A Lab For Your Digital Experiments

## About the program

Welcome to the Hands-On DevOps with Kubernetes program **at L4DX**.

Dear Future DevOps Engineers,  
IDear Future DevOps Engineers,

DevOps continues to be one of the most in-demand and rewarding career paths in the global IT landscape. Yet, there remains a significant gap between industry expectations and the skills available in the market. With DevOps being an ecosystem of diverse tools and practices, a single short-term training is rarely enough to shape confident, job-ready professionals.

At **L4DX**, we recognize this challenge and have developed a **comprehensive, hands-on DevOps program with Kubernetes** that covers **50+ tools and real-world workflows**. This program immerses participants in a simulated corporate environment—enabling them to experience how modern organizations integrate tools, automate processes, and deliver efficiently using DevOps best practices.

With this program, you won't just keep up—you'll stand out.

Warm regards,  
**Program Director**  
**L4DX**

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## Program Highlights



50 + DevOps Tools



Infrastructure  
build & IaC



Serverless Apps  
Build



Kubernetes &  
CI/CD



Peers & Mentors  
Support



Interview  
Preparations

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## Who is this program for?

**Freshers**  
looking for a  
DevOps Career

**Professionals**  
Looking for Self  
Improvements &  
Career Switch

**Students**  
Opting any IT Career  
Path

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## How is the program Organized?

Induct to the program



Provide Platform Access



Assign Tasks & responsibilities



Mentors

Peers

Learning Resources

The candidates will be introduced to a team of working professionals after giving induction training and access to various tools and services. They will be given instructions for activities, and start the learning & experiencing journey as per the instructions and tasks given.

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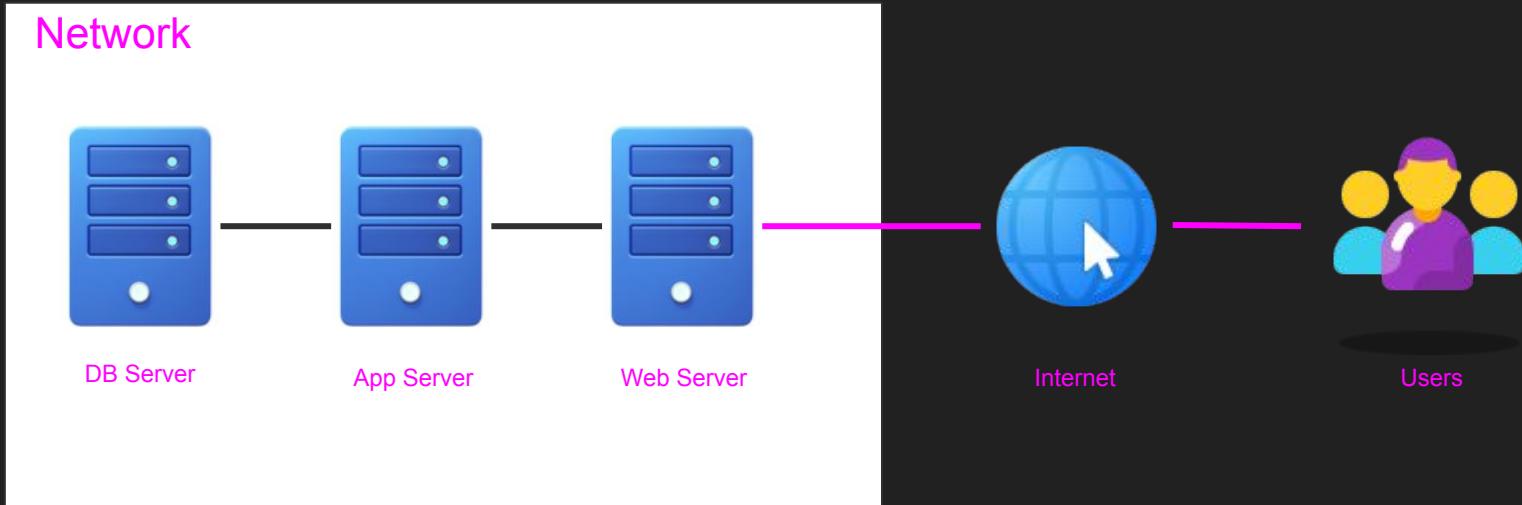
## Program Curriculum

The sections below highlight the program structure and the key domains of expertise participants will gain through this journey.



# Server & Applications - Manual Deployment

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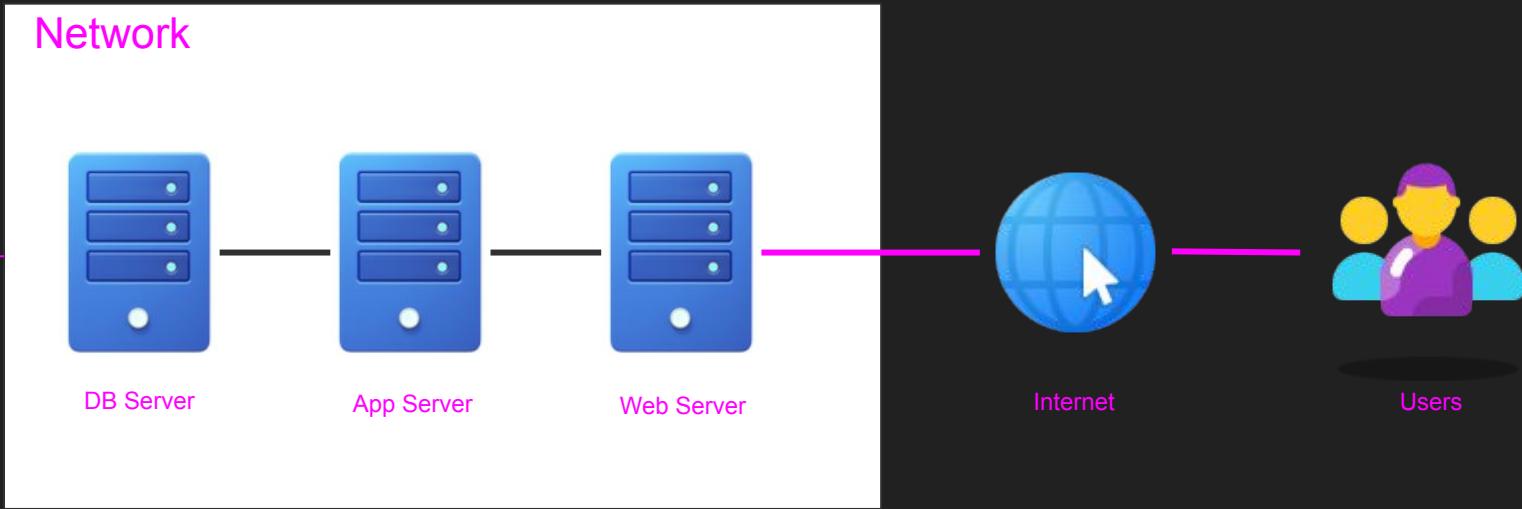


Manual Server Configuration & Application deployment on Cloud Platform

- Deploy standalone Web , App and DB servers on a Public Cloud
- Deploy Application and access from Internet by users
- Linux Basics



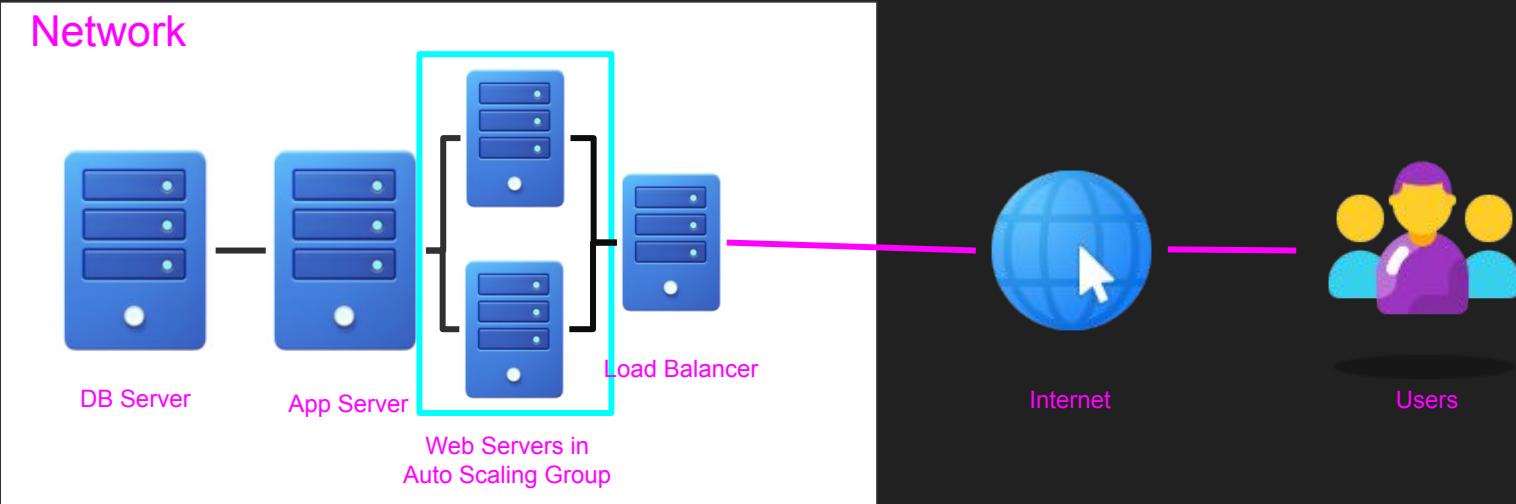
# Server Deployment Automation - The IaC Way 2



- Use AWS CloudFormation - The IaC Service for deploying Infrastructure for Application & Databases
- Automate the installation of application binary, web server configuration
- Backup the application
- Protect the Servers from deletion
- Protect Stack from deletion
- Shutdown protection



# Server Deployment & Auto Scaling and Load Balancer 3

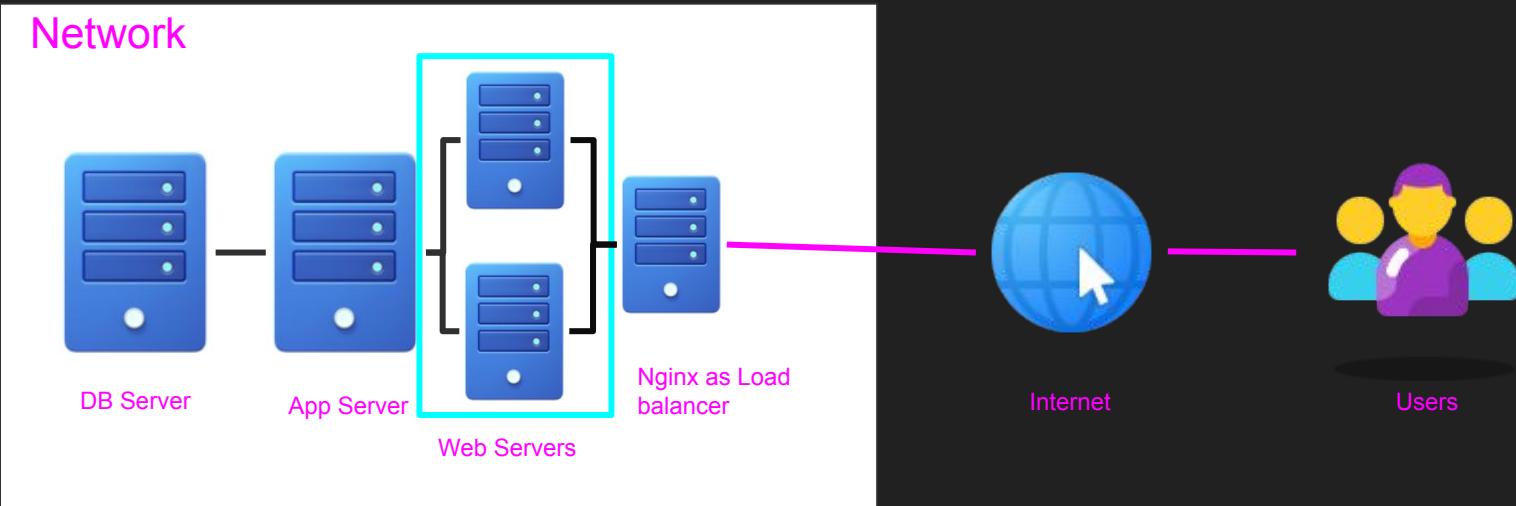


- CFT For deployment of Servers
- ASG for Web servers
- AWS Application Load Balancer
- Loading Servers & Observing ASG in Action



# NGINX as Load Balancer

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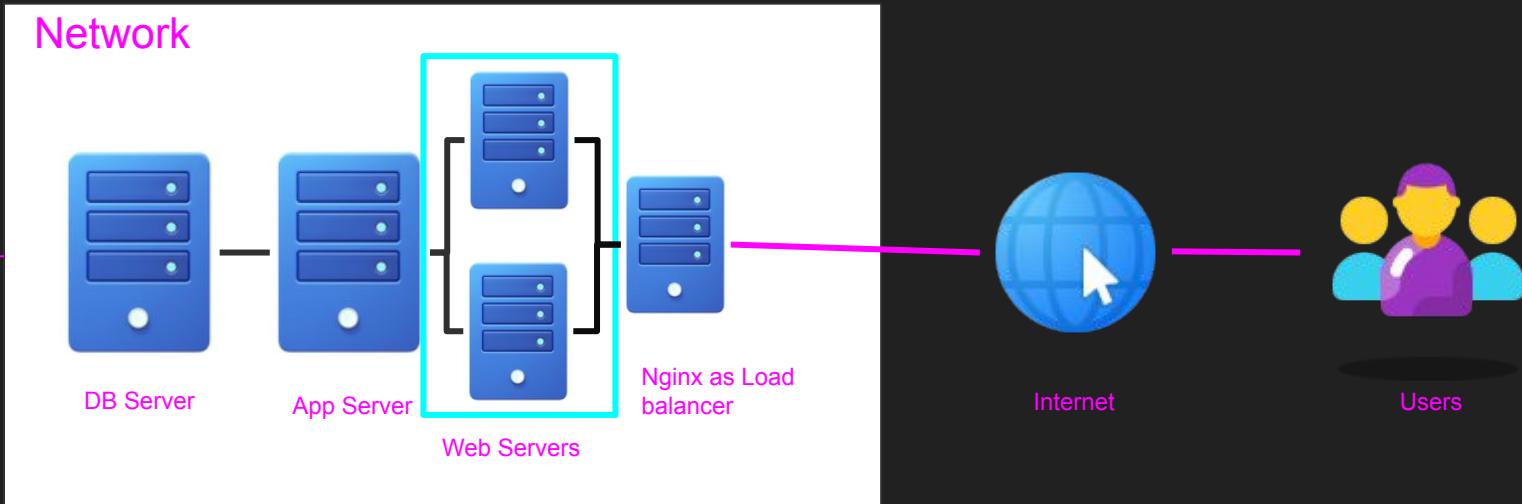


- CFT on 2 for deployment of Servers
- Deployment of Nginx Manually
- NGINX configuration as Load balancer

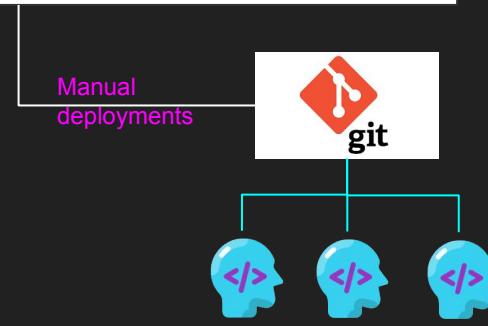


# Version Control Using GIT

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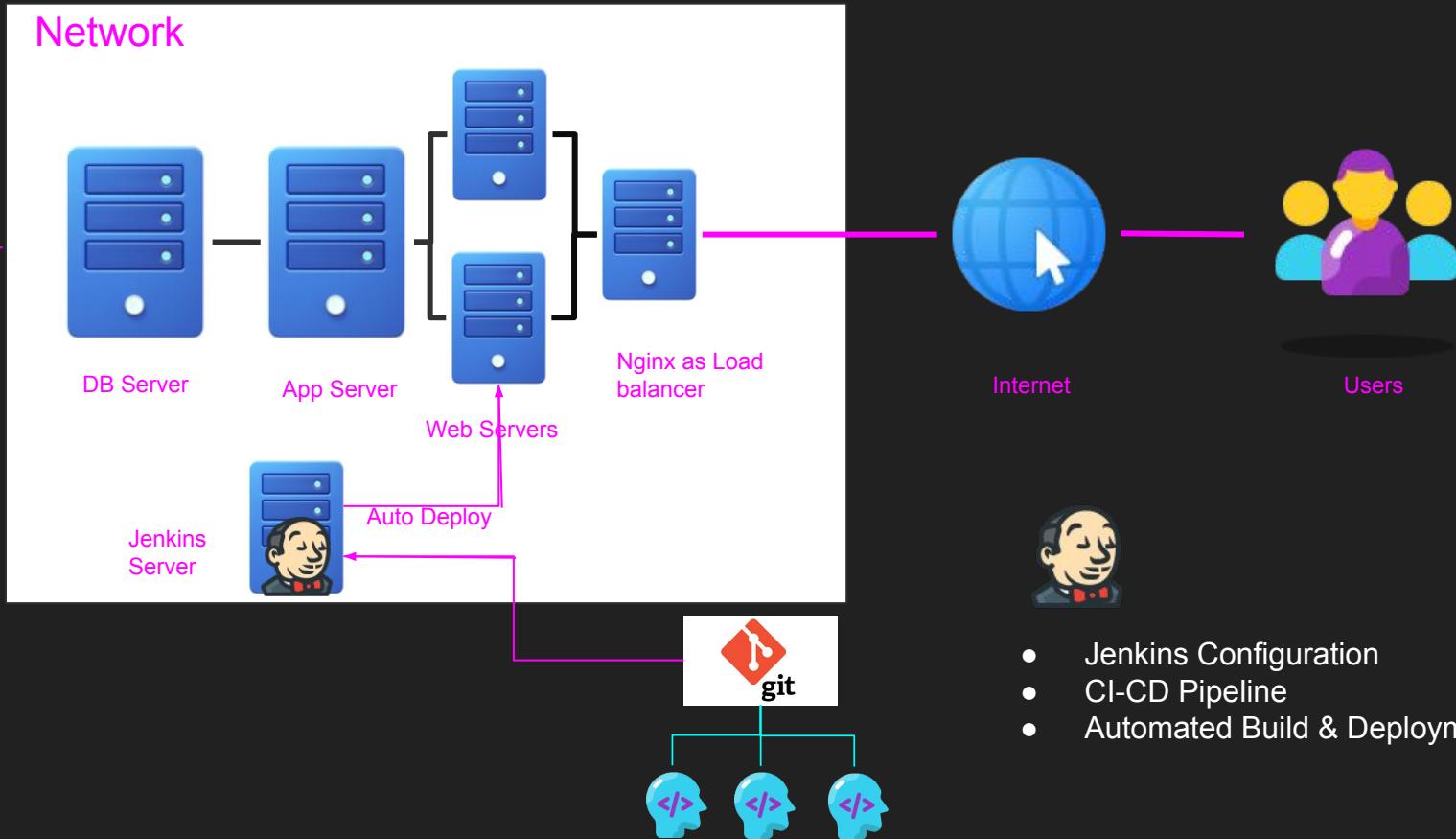


- Git installation
- Git Bash
- Accessing AWS from git bash
- Managing version control using Git



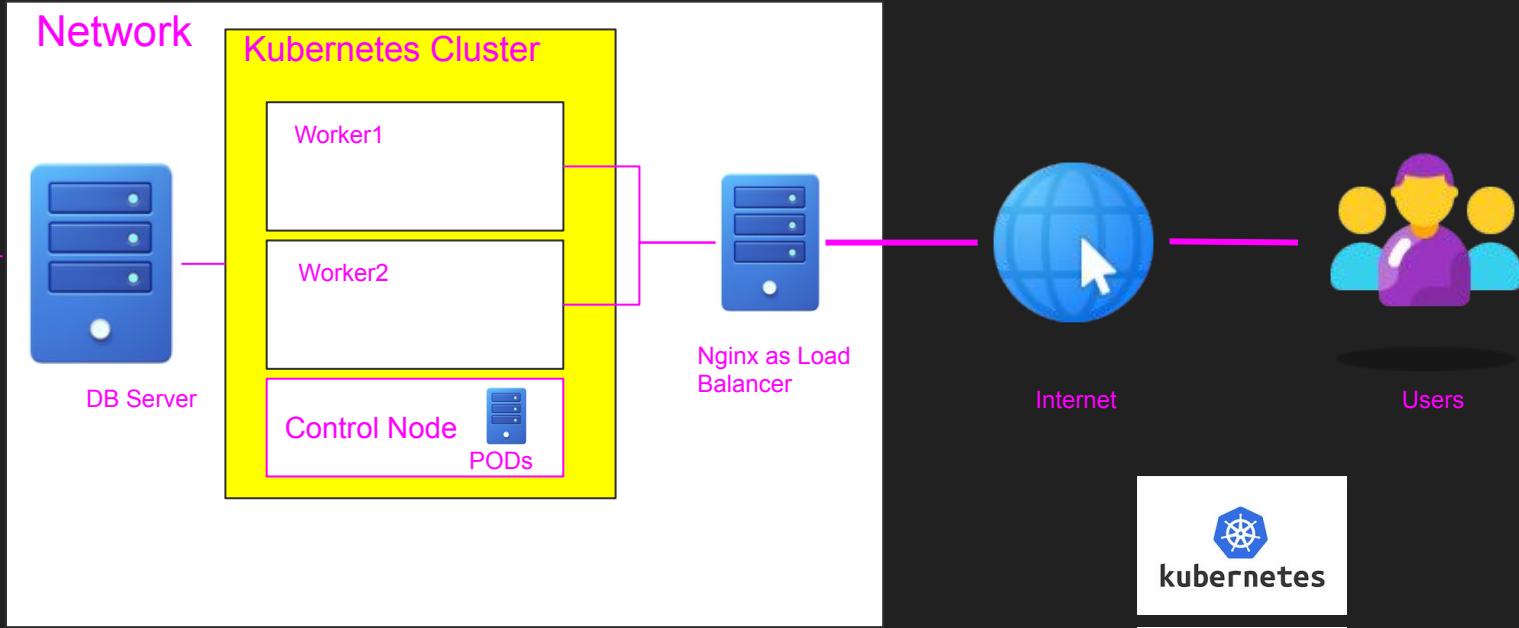
# CI/CD Using Jenkins

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# Kubernetes Infrastructure Deployment

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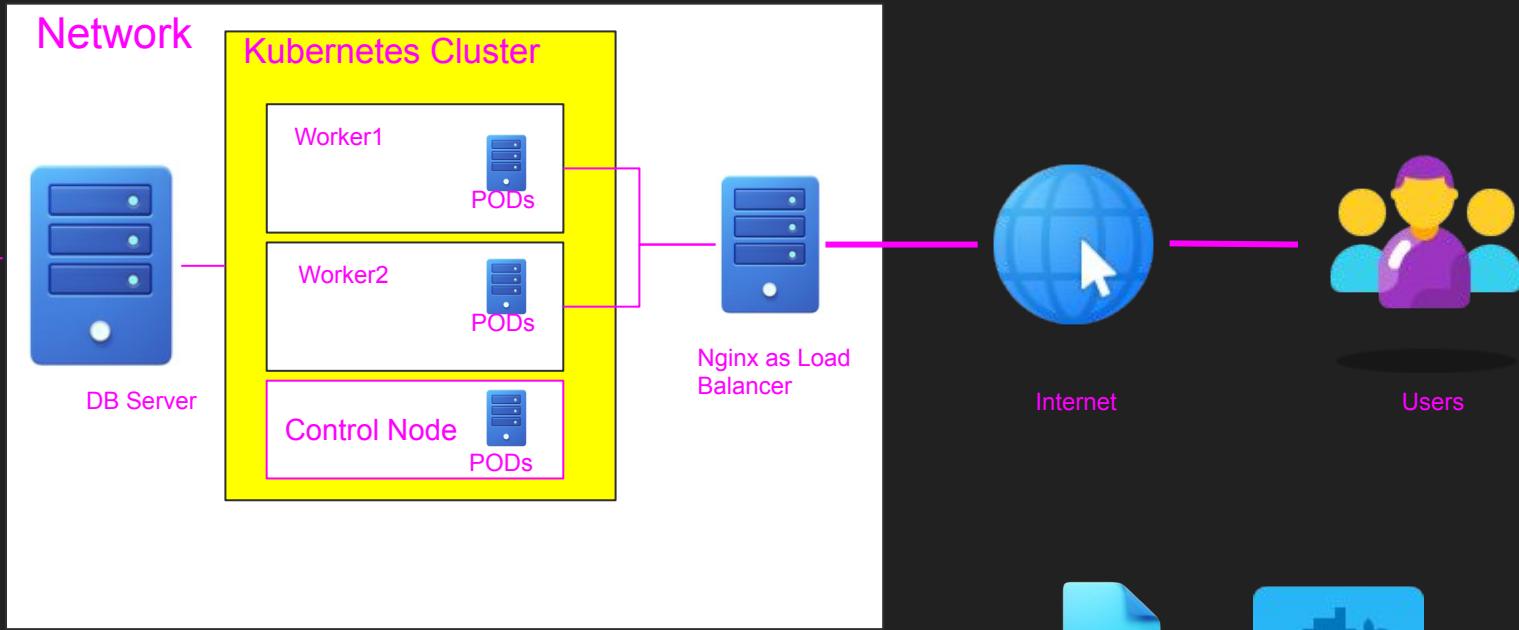


- Docker & Containers
- Container Images
- Docker Hub
- Deployment of Kubernetes Cluster

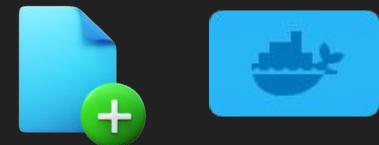


# Kubernetes Services Types & Use cases

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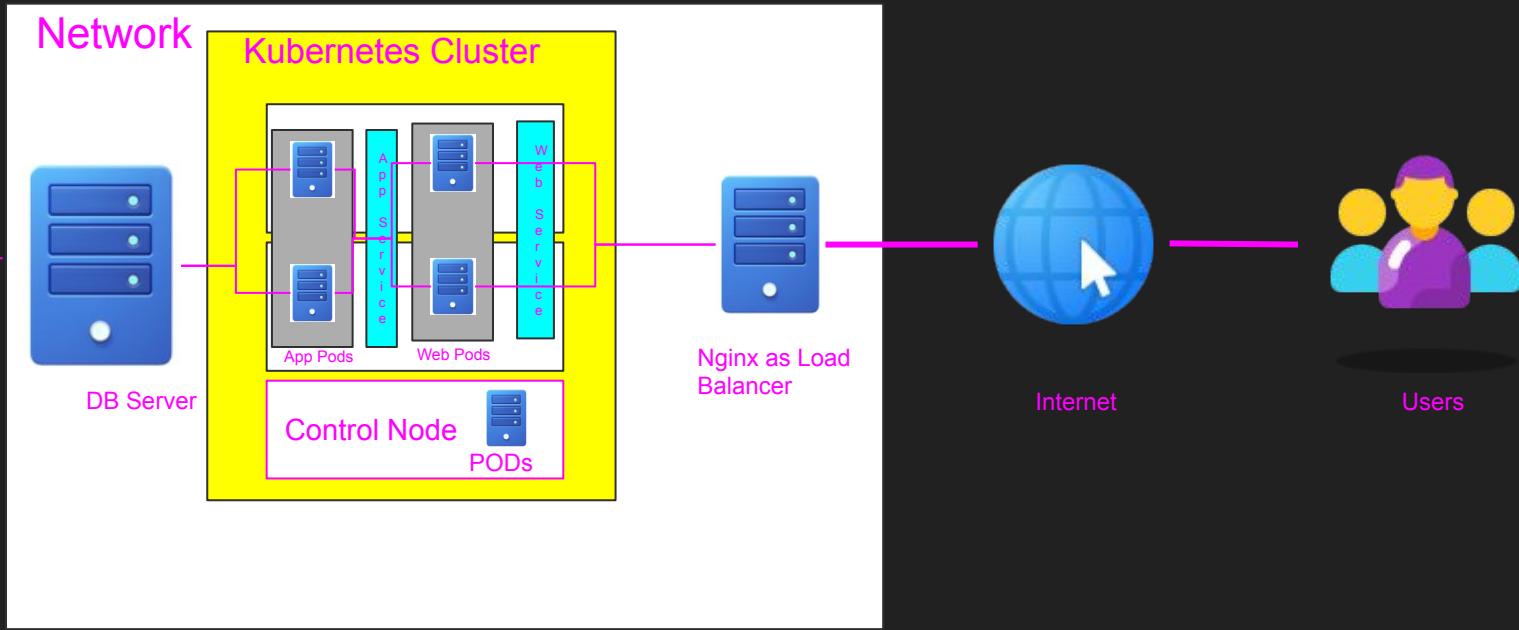


- Kubernetes Objects
- Manifest File
- Declarative and Imperative ways of deployment



# Kubernetes Deployment of Pods & Services

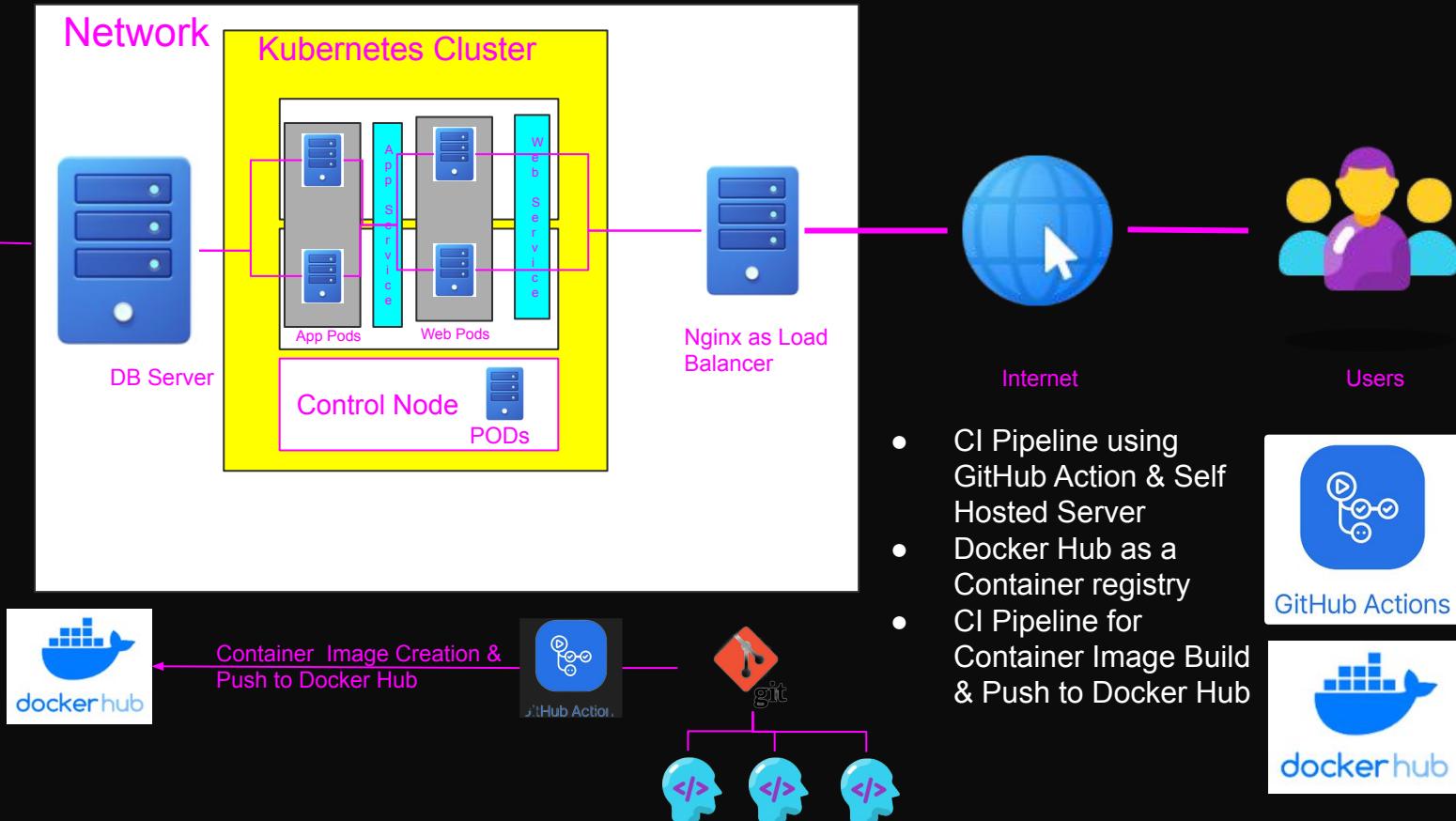
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- Deployments of Pods & Services
- Complete application access from containerized environment

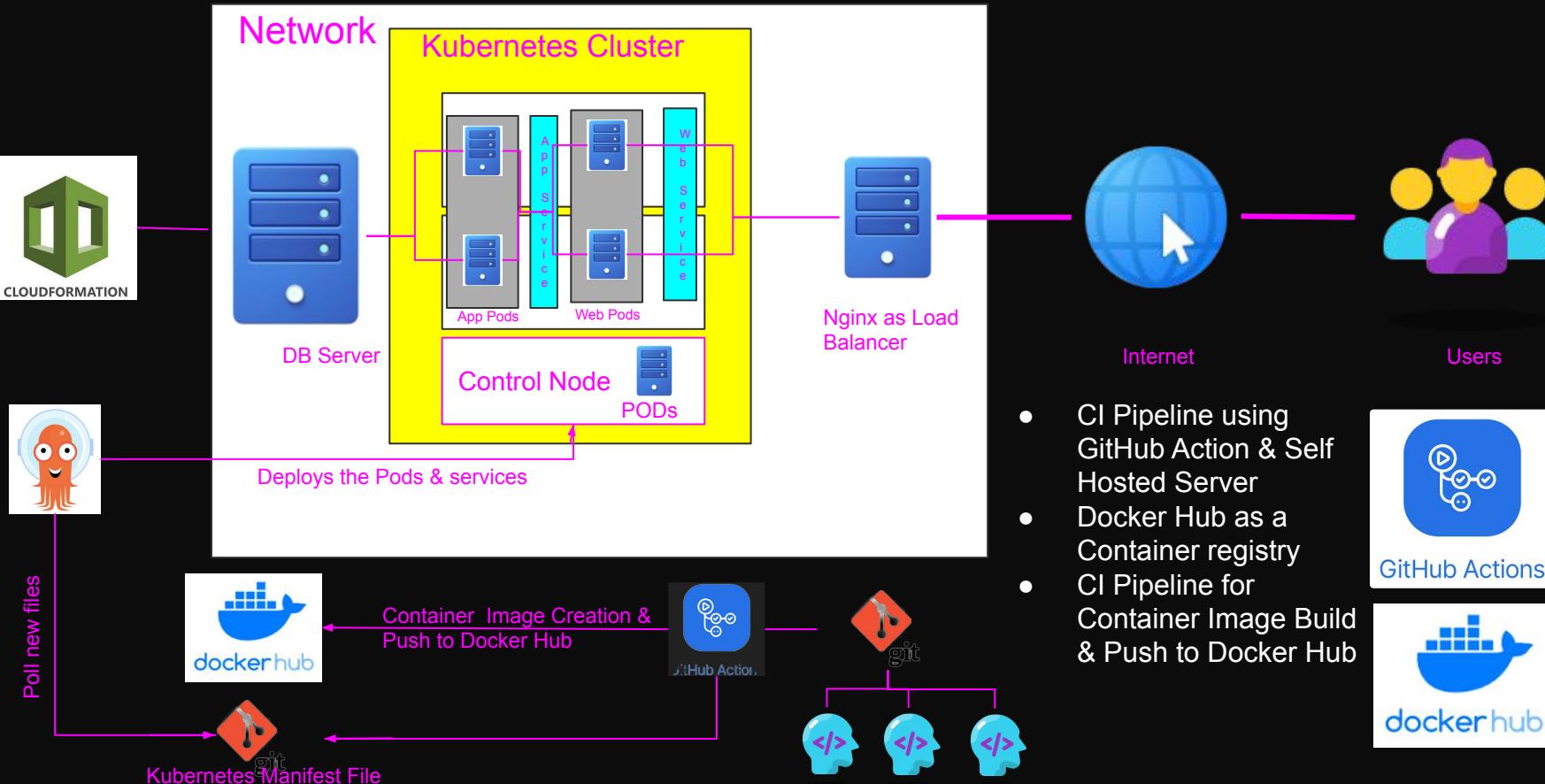
# Kubernetes CI using Github Action

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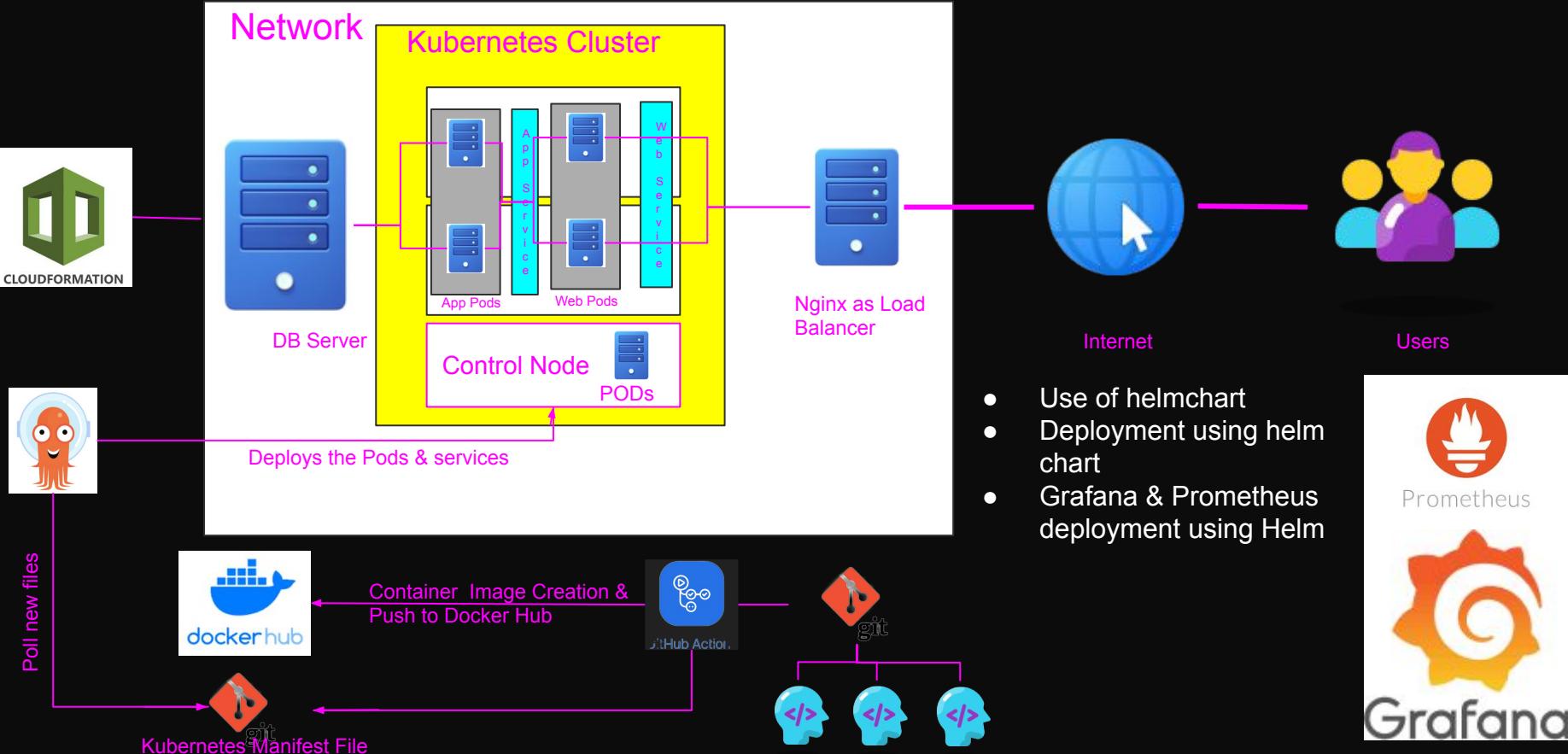
# Kubernetes CD using Argo CD

11



# Kubernetes Helm chart

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# L4DX - A Lab For Your Digital Experiments

## Program Fees

Introductory  
Batch



30000.00

Future  
Batches



40000.00

## How to Apply

### 1. Fill the Application Form

Tell us about yourself so we can understand your background and career goals.

### 2. Profile Review

Our admissions team will carefully assess your application to ensure the program aligns with your aspirations.

### Early Bird Offer!

Introductory batch is now open at ₹30,000.00 (Regular fee ₹40,000).

Apply early and save 35% — valid for the first 50 applicants only!

Once seats are filled, Batch 3 will open at the regular fee.

### EMI Options Available

Flexible payment plans make it easy to start your journey today.

### 3. Get Admission Guidance

If selected, our admissions team will guide you through the next steps for enrollment.

### 4. Explore Financing Options

We'll connect you with trusted loan partners to help you choose the best financing plan.

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More  
Information



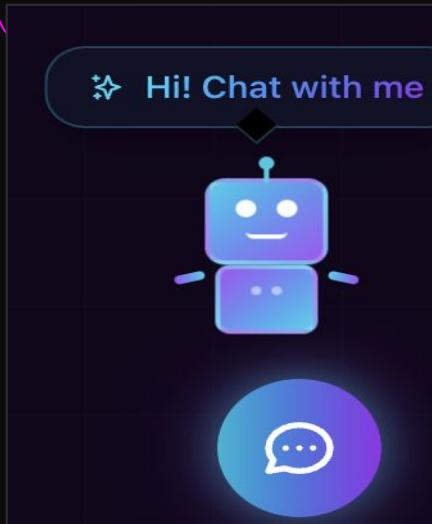
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