B17 wale groups me sirf apne course ki baat karna hai... waha kuch bhi aage ka nahi baat karna hai... :D

IT Engineer ke 4 Stambh

1. Technical	2. Communication
3. Networking	4. Presentation

IT me project aata kaise hai?

XYZ Company

Client Manager

BRM

Sales Team

PreSales Team

Client - Maalik

UI se data jae backend pr..aur database me save ho jae...like calculator

SOW Document (Statement of Work)
5 Developer
3 DevOps
2 Tester

TnM Time and Money

Fixed Cost

JD

Project Manager
SOW ke hisab se hiring karega

HR

Lead

Lead

Bench

Bench

Banda1

Banda2

Ina Consultancy

Mina Consultancy

Call

Chintu DevOps

Mintu DevOps

3Tier architecture

Developer

Frontend — React, Angular, NextJS, Flutter etc.

Backend — Python, Java, Dotnet etc..

Database — SQL, MongoDB etc..

Deployment

Infrastructure
Manual | Automation

Middleware
Manual | Automation

Application
Manual | Automation

Infrastructure Team | Middleware Team | Security Team

Testing Team | Code Quality Team

Sab mila ke

One & Only Piece

DevOps Team

Kaam karne ke do tarike?

Waterfall Model
kaam de dia aur 2 saal baad aake dekha toh pata chla... ki kaam me bahut dikkate hai...

Agile
Kaam ko 15-15 din ke chote chote part me baata jisko sprints bola aur har 15 din me check kara... toh kaam me dikkat bhi ho rahi thi toh haatho haath sudhar di

Product Owner (Client ka right hand)

Scrum Master
(Roj 15 min ka call me team se kaam smjhne ka)

Retrospective Call

Backlog Grooming Call

Tools

Source Code Management Tool

git

GitHub | GitLab | Azure Repos | Bitbucket

IAC Tools

Cloud native
ARM Template Bicep | Cloud Formation

Open Source
Terraform | CrossPlane | Pulumi

DevSecOps Scanning Tools

Source Code
sonarqube | trivy
Blackduck

Infrastructure
tfsec | checkov | tflint

CICD Tools

Azure Pipelines | Github Actions | Jenkins

Git → sonarqube → checkov → build → Artifact

CI Pipeline

Artifact → trivy → ssh to vm → VM

CD Pipeline

Monitoring Tools

Prometheus	Grafana
Grafana Loki	Promtail

Application do type se ban skta hai...

Monolithic Style

Microservice Style

docker | Kubernetes

Helm | ArgoCD