Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

CLOUD & DEVOPS

DevOps

SAMPLE PROJECT

Release Pipeline for a Demo App



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

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DevOps

Core concepts



01

Linux, Git and collaborative workflows

02

Build automation and reproducible tests

03

CI/CD stages, approvals and release artifacts

Trace the deployment

Document the components, access boundary and expected health signal.

DevOps

Applied skills

- **Environment**
- **Service**
- **Health signals**



04 Containers, registries and deployment basics

05 Infrastructure as code and secrets management

06 Observability, rollback and release documentation

PROJECT DELIVERABLES

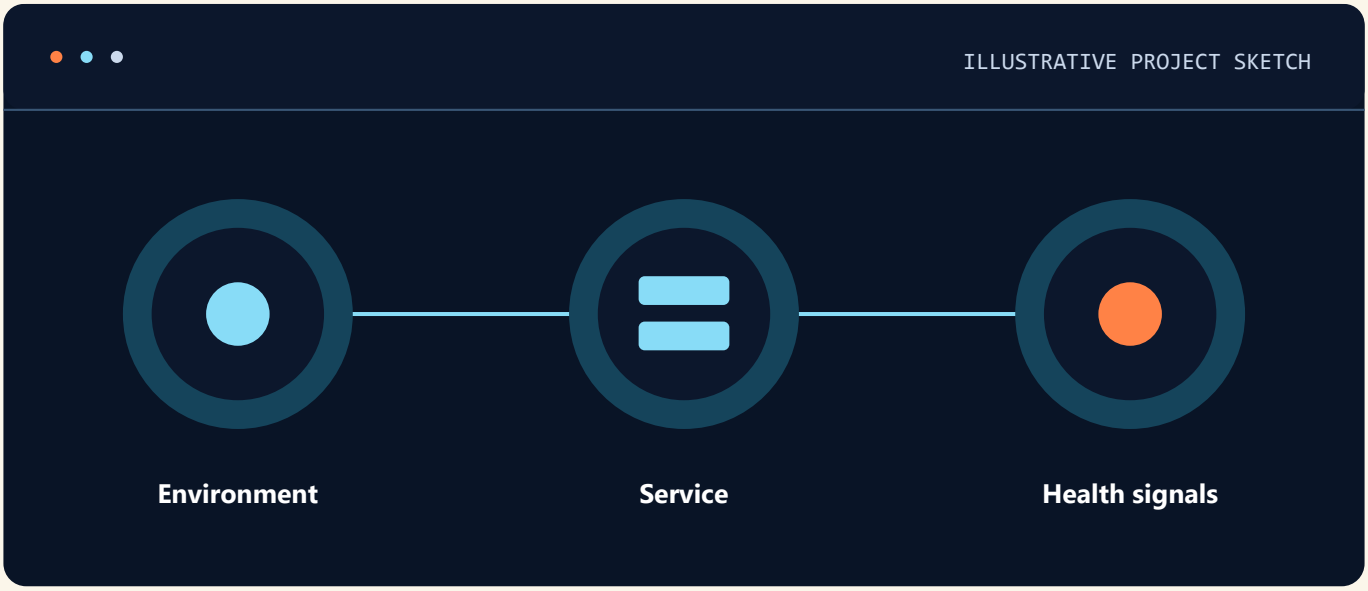
An architecture diagram, deployment notes and evidence of a health or recovery check.

DevOps

Portfolio project

Release Pipeline for a Demo App

Create a pipeline that tests a change, builds a container and deploys it with a rollback check.



Trace the deployment

Document the components, access boundary and expected health signal.

Rehearse recovery

Use a practice environment to check the documented recovery or rollback.

An architecture diagram, deployment notes and evidence of a health or recovery check.

DevOps

Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

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SCAN FOR MAP

Check course details

DevOps

Course content

MODULES 01–02

01

Lessons & practice

- Linux
- Git
- Collaborative workflows

HANDS-ON Create a Git branch, review a change and trace it through a Linux environment.

02

Lessons & practice

- Build automation
- Reproducible tests

HANDS-ON Make a build and its tests reproducible from a clean checkout.

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Course content

MODULES 03–04

03

Lessons & practice

- CI/CD stages
- Approvals
- Release artifacts

HANDS-ON Design a CI/CD pipeline with checks, release records and a manual approval.

04

Lessons & practice

- Containers
- Registries
- Deployment basics

HANDS-ON Package a training app in a container and validate its deployment configuration.

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Course content

MODULES 05–06

05

Lessons & practice

- Infrastructure as code
- Secrets management

HANDS-ON

Document infrastructure configuration and keep test credentials outside source control.

06

Lessons & practice

- Observability
- Rollback
- Release documentation

HANDS-ON

Rehearse a rollback and record how logs and health signals confirm it.