Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

CLOUD & DEVOPS

AWS

SAMPLE PROJECT

AWS Web App Deployment



COURSE FEE

Fee on enquiry

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AWS

Core concepts



01	AWS regions, accounts and IAM roles
02	EC2, EBS and S3 storage options
03	VPC subnets, routes and security groups

Trace the deployment

Document the components, access boundary and expected health signal.

AWS

Applied skills

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



04 RDS, Lambda and managed service concepts

05 CloudWatch, backups and budget alerts

06 Availability, deployment and infrastructure documentation

PROJECT DELIVERABLES

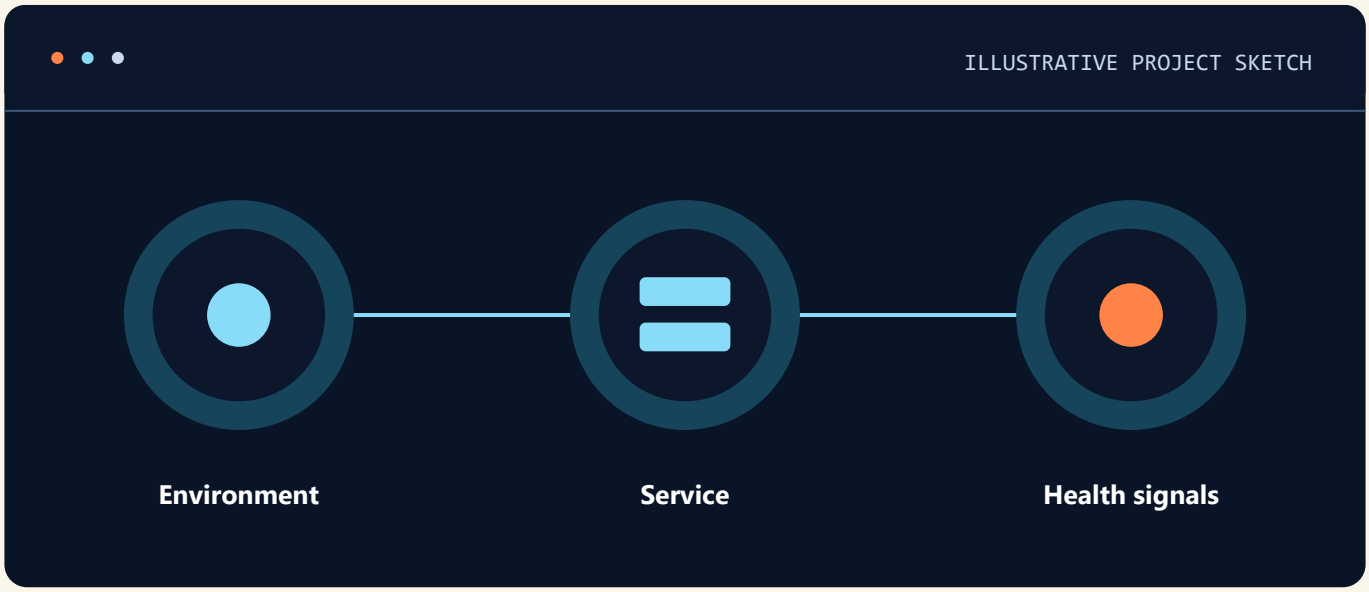
An architecture diagram, deployment notes and evidence of a health or recovery check.

AWS

Portfolio project

AWS Web App Deployment

Deploy an example service on AWS with private storage, limited access and a budget alert.



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.

AWS

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

AWS

Course content

MODULES 01–02

01

Lessons & practice

- AWS regions
- Accounts
- IAM roles

HANDS-ON

Choose a region and document narrowly scoped IAM access for a sample service.

02

Lessons & practice

- EC2
- EBS
- S3 storage options

HANDS-ON

Compare EC2, EBS and S3 using a small workload and record storage trade-offs.

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Course content

MODULES 03–04

03

Lessons & practice

- VPC subnets
- Routes
- Security groups

HANDS-ON

Draw public and private VPC subnets and review the intended security group rules.

04

Lessons & practice

- RDS
- Lambda
- Managed service concepts

HANDS-ON

Compare a sample RDS-backed service and a small Lambda task.

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Course content

MODULES 05–06

05

Lessons & practice

- CloudWatch
- Backups
- Budget alerts

HANDS-ON

Set up a practice health metric and record how backup and budget alerts would be verified.

06

Lessons & practice

- Availability
- Deployment
- Infrastructure documentation

HANDS-ON

Document a repeatable sample deployment and test that it can be torn down.