THE LEARNING STAGE
WHERE YOUR SKILLS REALLY MATTER

PROGRAM CURRICULUM · 2 MONTHS

# Cloud Computing

Get hands-on with the world's most-used cloud. You'll launch servers, store data, wire up networking and security, and deploy a real application on AWS — building the core skills behind the AWS certifications and, more importantly, the ability to actually run things in the cloud.

DURATION
**2 months · Training + Internship**

FORMAT
**Mentor-led + full LMS access**

PROJECTS
**6+ live, deployed projects**

CERTIFICATE
**Verifiable on completion**

## Program overview

Get hands-on with the world's most-used cloud. You'll launch servers, store data, wire up networking and security, and deploy a real application on AWS — building the core skills behind the AWS certifications and, more importantly, the ability to actually run things in the cloud.

## How the two months work

MONTH 1 · TRAINING

**Learn by building**

Hands-on, mentor-led sessions. You work through the curriculum and build the core project.

MONTH 2 · INTERNSHIP

**Apply it on real work**

You apply it on real work, reviewed by the same mentors, and finish with something you can show.

## Who it's for & prerequisites

WHO SHOULD JOIN

- Students & early-career builders — any branch (CSE / IT ideal)
- Design, deploy and run real applications on the cloud — the way cloud teams do.
- Anyone who wants job-ready, portfolio-backed skills

PREREQUISITES

- **Beginner-friendly** — starts from fundamentals
- No prior experience required; basic laptop comfort helps
- A laptop, internet, and time to practise between sessions

## The skills you'll walk away with

Compute | Storage & Databases | Networking & Security | Deploy & Scale

*Exact libraries and tools are kept current and beginner-friendly; the concepts transfer across the field.*

## What you'll master

| | |
|---|---|
| **Compute** | EC2, containers and serverless. |
| **Storage & Databases** | S3, RDS and when to use each. |
| **Networking & Security** | VPCs, IAM and least privilege. |
| **Deploy & Scale** | Ship an app that stays up. |



## By the end, you will be able to

- **Compute** — EC2, containers and serverless.
- **Storage & Databases** — S3, RDS and when to use each.
- **Networking & Security** — VPCs, IAM and least privilege.
- **Deploy & Scale** — Ship an app that stays up.
- Finish with **6+ portfolio projects** and a capstone you can show in interviews

# Training curriculum — topics & what you'll do

Hands-on, mentor-led sessions. You work through the curriculum and build the core project. Lesson counts are shown per module; your mentor keeps the pace friendly for every level.

## 1 Cloud & AWS Foundations

6 lessons

- What the cloud actually is
- The AWS console and CLI
- Regions, availability zones
- Billing and the free tier

## 2 Compute

6 lessons

- Launching EC2 instances
- Containers on AWS
- Serverless with Lambda
- Choosing the right compute

## 3 Storage & Databases

6 lessons

- S3 object storage
- Managed databases (RDS)
- Backups and durability
- Cost-aware choices

### 4 Networking & Security

8 lessons

- VPCs, subnets and routing
- Security groups & firewalls
- IAM and least privilege
- Secrets and encryption

### 5 Deploy & Scale

7 lessons

- Deploying a real app
- Load balancing & auto-scaling
- Monitoring with CloudWatch
- **Capstone.** a live, secured deployment

## Month 2 — the internship

**Real work, same mentors, something to show**

With the training behind you, month 2 puts your skills to work on real, scoped tasks. The same mentors who taught you now review your work — and you finish with a shippable project and a verifiable certificate tied to it.

| YOU DO | MENTORS DO | YOU FINISH WITH |
|---|---|---|
| Apply your skills on real, guided work. | Review your work regularly and unblock you. | A project you can show and a certificate you can verify. |

# Projects you'll build

Hands-on builds across the program — each one portfolio-ready. Your capstone ties it all together.

### Host a Website on AWS

Put a real website live on the cloud with your own domain name.

S3 · CloudFront · Route 53

### Deploy a Web App

Run a full application on a cloud server behind a load balancer.

EC2 · ELB · AWS CLI

### Serverless API

Build a backend that runs only when it's called and costs nothing when idle.

Lambda · API Gateway · IAM

### Secure Network

Design a private cloud network with proper, least-privilege access.

VPC · IAM · Security Groups

### Database-Backed App

Connect an app to a managed cloud database with automatic backups.

RDS · AWS Console

### Monitored Deployment

Add auto-scaling and monitoring so your app survives a traffic spike.

CloudWatch · Auto Scaling · AWS

## Your tools & tech

S3 · CloudFront · Route 53 · EC2 · ELB · AWS CLI · Lambda · API Gateway · IAM · VPC · Security Groups · RDS · AWS Console · CloudWatch · Auto Scaling · AWS

*These are the core tools you'll use across the projects. Your mentor confirms the exact versions on day one.*

## What you'll need

**BRING**

- A laptop (4 GB RAM or more) and its charger
- A stable internet connection
- A few hours to practise between sessions

**PROVIDED**

- Full LMS access & starter files
- Mentor support throughout
- A verifiable certificate on completion

### Getting set up

Everything you need is free or provided. Your mentor shares the exact tools to install and any starter files in your welcome email — so you're ready from day one, with nothing to buy.

## Reserve your place

Confirm your seat today with the registration fee. It holds your place and counts towards your program fee.



**Registration fee**

reserves your seat

Pay the one-time **registration fee** to lock in your place. It counts towards your program fee — not an extra charge — and the balance is confirmed when you enrol. Payments are secure, and your seat is booked the moment it clears.

## Choose your plan

### Core

The full two months, training and internship.

- Month 1 — full training curriculum
- Month 2 — internship on real work
- Verifiable certificate

### Pro POPULAR

The same two months, with more mentor time.

- Everything in Core
- Extended mentor sessions
- Project review before demo

## Your certificate

**A verifiable certificate of completion**

Finish the program and you receive a certificate tied to the projects you built and their live links — independently checkable at **thelearningstage.in/verify**, so it holds up when a recruiter looks it up.

## Enrol in five steps

1. Visit **thelearningstage.in** and open the **Cloud Computing** program.
2. Choose your plan — **Core** or **Pro**.
3. Confirm your seat with the **registration fee** — it counts towards your program fee.
4. Get your welcome email with **LMS access** and your start date.
5. Join Month 1 training, then move into your Month 2 internship.

## Eligibility

**OPEN TO**

- Students & early-career builders — any branch (CSE / IT ideal)
- No prior experience required

**YOU'LL NEED**

- A laptop and reliable internet
- A few hours to practise between sessions

## Companies hiring for these skills

amazon · Microsoft · Google · accenture · TCS TATA CONSULTANCY SERVICES · Infosys · wipro · Capgemini

*These employers actively hire for skills like the ones this program builds — a signal of demand, not partners of The Learning Stage and not a placement guarantee. The program gives you the shippable skills and portfolio that make you a stronger candidate.*

# Frequently asked questions

### Do I need coding experience?

A little helps, but the focus is on running and securing infrastructure. We teach the CLI and concepts from the basics.

### Does this prepare me for AWS certifications?

It builds the core, hands-on skills behind the foundational and associate certs — and, more importantly, the ability to actually operate in AWS.

### Will I get a certificate?

Yes — a verifiable Learning Stage certificate tied to your deployments.

### Which companies hire for this?

Cloud skills are in demand almost everywhere. The logos shown are examples of employers actively recruiting for these skills.

## Ready to start? 🚀

Two months from now, you could have real, shippable skills, a portfolio of projects, and a certificate to prove it. Come learn the way real teams work.

**Enrol at thelearningstage.in · support@thelearningstage.in · +91 96527 16677**

*Curriculum is indicative and may be refined to suit the cohort. Fees and plans current at time of print. © 2026 The Learning Stage.*