



# AWS Cloud Computing Overview

6 months (30–40 hrs / week)

## What is AWS Cloud Computing?

AWS Cloud Computing is the delivery of AWS computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.

## Why AWS Cloud Computing?

Cloud technologies are enabling organisations to transform rapidly, creating a high demand for cloud-savvy employees. As more and more companies adopt cloud services, there’s an immense drive to hire people with cloud computing skills, which LinkedIn recognised as the most in-demand hard skills in the tech market.

## Programme Objectives

- Ensure you're well-prepared with sought-after professional skills for the present-day digital workforce in the prestigious 2-month ALX Foundations course.
- Equip individuals with essential skills and knowledge in AWS cloud computing and technology.
- Prepare learners for diverse and global career opportunities in cloud-related roles.
- Grant access to The ROOM Fellowship, a prestigious talent community with networking opportunities, perks, rewards and ongoing learning.

## What makes this programme unique?

### Accessible Entry Point

Learners can begin the programme without requiring prior IT experience. This unique approach empowers individuals to start their cloud careers regardless of their background.

### Diverse Career Pathways

The programme caters to a wide range of career aspirations within the cloud computing field.

### Industry Relevance

The programme aligns with industry demands, equipping learners with the skills and knowledge sought after by companies worldwide. This relevance enhances their employability and career prospects.

# Weekly Foundations Schedule

08 Weeks (20–30hrs / week)

## What is ALX Foundations?

- A career-readiness training module to kick-start your ALX learning journey before moving on to your chosen specialisation.
- Learn exceptional communication, teamwork, and leadership skills that make ALX graduates top picks in the job market.
- Be ready for a real-world career with soft skills that keep you ahead in the rapidly changing tech industry.

## 8 Key Meta Skills

1. **Leading Self**
2. **Leading Others**
3. **Communicating for Impact**
4. **Quantitative Reasoning**
5. **Entrepreneurial Thinking**
6. **Critical Thinking**
7. **Managing Complex Tasks**
8. **Tech Skills**

## Weekly Content

### Week 01

- Getting Started
- Daily 3
- Onboarding & Programme Overview
- The ROOM Fellowship
- Values & Community
- GCGOs for Africa

### Week 02

- Daily 3
- Karibu Lessons
- Values & Empathy
- Exploring African GCGOs
- Self Awareness & Emotional Intelligence
- Growth Mindset & Grit
- Self Regulation & Improvement
- Time Management

### Week 03

- Daily 3
- Habit Formation
- Goal Setting
- Defining Problems & User Stories
- Problem Solving
- Asking the Right Questions
- Research Methodology & Ethics

### Week 04

- Daily 3
- Goal Setting
- Communication for Impact
- Creating Presentations & Technical Writing
- Communication in Tech Teams
- Design Thinking
- Work Planning

### Week 05

- Daily 3
- Problem Definition
- Teamwork Best Practices
- Agile Technology Teams: Roles & Processes
- Research & Data Gathering
- Data Cleaning & Preparation
- Data Visualization
- Identifying Opportunities
- Generating Solutions
- Understanding the Market

### Week 06

- Daily 3
- Understanding the User
- User Interviews
- Wireframes & Prototype
- Human Centered Design

### Week 06 (Cont)

- Teamwork & Team Communication
- Conflict Management & Negotiation

### Week 07

- Daily 3
- Improving on Your Solution
- Product Requirements
- Design Handover Process
- Pitch Preparation
- Powerful Presentations
- Identifying Opportunities
- Personal Brand & Bio
- Career Skills

### Week 08

- Daily 3 Reflection & Commitment
- Elevator Pitch
- Exploring Tech Tracks
- Resume Writing
- LinkedIn Profiles
- Cover Letters
- Interview Skills

# Weekly Schedule

- Live Learning sessions led by the Technical Mentors offering a practical understanding & real world applications of the course content.
- Regular online check-ins and in-person meet-ups (where learners collaborate with peers, discuss challenges, share insights).

## Weekly Content

### AWS Cloud Practitioner

**Week 01** – Cloud Concepts, Economics, Security & AWS Global Infrastructure

**Week 02** – Networking and Content Delivery, Compute & Storage services

**Week 03** – Databases, Cloud Architecture & Automatic Scaling & Monitoring

**Week 04** – Catch-up Week / 1st Exam Week

**Week 05** – Cloud Practitioner Exam Week

**Week 06** – Recess Week

### AWS Solutions Architect

**Week 07** – Introduction to AWS Cloud Architecting

**Week 8:** Storage & Compute Layers

**Week 9:** Database Layers & Networking Environment

**Week 10:** Catch-up Week

**Week 11:** Connecting Networks and User & Application Access

**Week 12:** Automating your Architecture

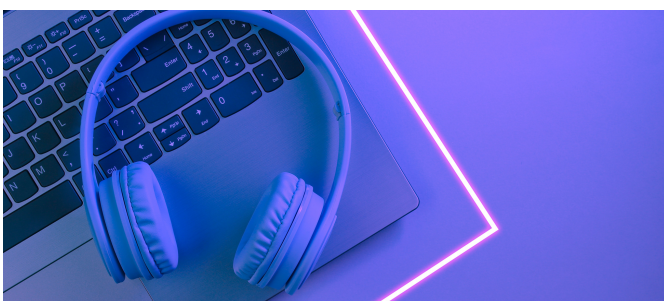
**Week 13:** Caching Content & Building Decoupled Architectures

**Week 14:** Catch-up Week

**Week 15:** Microservices and Serverless Architectures, & Disaster Planning

**Week 16:** Capstone + Exam Prep Week

**Week 17:** Solutions Architect Exam Week



# YOUR LEARNING JOURNEY



## Kickstart your career in Tech

85% of learners find a job after 6 months with a certificate of completion.

**LAUNCH**



## By learning from industry experts

Our instructors are fully-vetted with industry experience.

1

## And developing your professional foundations

Get a professional portfolio and skills for better employability.

## Gaining work ready skills

Learn up-to-date tech innovations with real-world projects.

2

3

4



## In a state-of-the-art learning environment

Network, collaborate and co-work with peers online or offline.



## With support from your peers.

Our alumni get access to our Fellowship community and events.

5

# GET STARTED

## apply now



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[www.alxafrica.com](http://www.alxafrica.com)



# 2024 Calendar

Programme - Cohort #	Application Deadline	Onboarding Starts	Programme Starts
Data Science - C2	27 Feb	11 Mar	18 Mar
Data Analytics - C3	27 Feb	11 Mar	18 Mar
Cloud Computing - C3	27 Feb	11 Mar	18 Mar
Salesforce Administrator - C3	27 Feb	11 Mar	18 Mar
Back-end Web- C1	27 Feb	11 Mar	18 Mar
Front-end Web - C1	27 Feb	11 Mar	18 Mar
Data Analytics - C4	21 May	3 Jun	10 Jun
Cloud Computing - C4	21 May	3 Jun	10 Jun
Salesforce Administrator - C4	21 May	3 Jun	10 Jun
Back-end Web- C2	21 May	3 Jun	10 Jun
Front-end Web - C2	21 May	3 Jun	10 Jun







# Frequently Asked Questions

## **What is the criteria for being accepted?**

Accepted applicants are evaluated based on their entire application, including assessment scores and essay responses. While the outcome may not always meet expectations, we encourage self-reflection, identifying areas for improvement, and ongoing skill development. For future programme applications, please revisit our website during the next cycle.

## **I applied and received confirmation, but I haven't received an acceptance letter.**

The confirmed button in your email indicates your acceptance.

## **Are there any fees apart from the administration fee?**

The tuition fee for our programmes starts at \$7500. For sponsored applicants, this fee is waived, and only the administration fee is required.

## **I want a waiver or scholarship, and I am unable to pay the administration fee.**

Regrettably, we cannot accommodate this request presently. The administration fee supports programme access, study materials, community engagement, networking, and certification. Paying it demonstrates commitment and ensures access to all resources and support for success.

## **How do I make payment?**

All payments can be made via the admissions portal.

## **I accidentally dropped a programme, and now I can't continue the application.**

Unfortunately, dropped applications cannot be continued. You will need to apply to another programme or use a different email address.

