



AWS Cloud Computing Programme

6 Months (30-40 hrs per week)

What is AWS Cloud Computing?

AWS Cloud Computing involves delivering a wide range of Amazon Web Services (AWS)—including servers, storage, databases, networking, software, analytics, and artificial intelligence—over the Internet, commonly referred to as "the cloud." This approach enables faster innovation, flexible resource management, and cost-effective scalability.

Why AWS Cloud Computing?

Cloud technologies are revolutionising industries, creating a high demand for professionals with cloud computing expertise. LinkedIn highlights cloud computing as one of the most in-demand skills in the tech market, making proficiency in this area crucial for career growth and advancement.

How you'll learn

- **Weekly Content:** Access weekly content on Canvas, including online video lessons, study guides (PDFs), and additional materials such as articles and videos.
- **Peer Interaction:** Engage with your peers on the portal, where you can also seek support from our technical mentors by asking questions and more.
- **Interactive Learning:** Enjoy a variety of interactive content, including live video sessions and walk-throughs by our Technical Mentors.
- **Hands-On Experience:** Apply your learning through weekly Knowledge Checks and Labs.
- **AWS Management Console:** Utilise the AWS Management Console for practical learning opportunities.

Why Choose Us?

Professional Foundations

Before starting the AWS Cloud Computing programme, learners complete our 8-week foundational training, acquiring vital skills like self-awareness, teamwork, communication, and critical thinking, essential for success in tech.

Accessible Entry Point

Our programme welcomes learners without prior IT experience, enabling individuals from diverse backgrounds to embark on their cloud computing careers confidently.

Diverse Career Pathways

Whether you're aiming to become a Cloud Practitioner, Solutions Architect, or any other role within the cloud computing field, our program offers a robust learning path tailored to various career aspirations.

Industry-Recognised Certifications

Earn two valuable certifications from AWS: Cloud Practitioner and Solutions Architect, enhancing your credentials and employability in the tech market.

Tools Learners Get to Use

zoom

Zoom



Calendar

canvas

Canvas (LMS)

slido

Slido

zendesk

LEA/Zendesk
(Programme
Support
Channels)

6-Month

Programme

100%

Digital (Online)
Learning
programme

30-40 hrs

Per Week

Professional Foundations Schedule

08 Weeks (20-30hrs / week)

What is Professional 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.

Weekly Content

Week 01	Week 04	Week 07
<ul style="list-style-type: none">• Getting Started• Habits for Developing Intrapersonal Intelligence• Onboarding & Programme Overview• The ALX Fellowship• Values & Community• GCGOs for Africa	<ul style="list-style-type: none">• Meditation• Goal Setting• Communication for Impact• Creating Presentations & Technical Writing• Communication in Tech Teams• Design Thinking• Work Planning	<ul style="list-style-type: none">• Personal Reflection on Intrapersonal Growth• Generating Solution• Product Requirements• Pitch Preparation• Powerful Presentations• Identifying Opportunities• Wireframes & Prototypes
Week 02	Week 05	Week 08
<ul style="list-style-type: none">• Movement and Mental Health• Karibu Lessons• Values & Empathy• Exploring African GCGOs• Self Awareness & Emotional Intelligence• Growth Mindset & Grit• Self Regulation & Improvement• Time Management	<ul style="list-style-type: none">• Boosting Intrapersonal Intelligence• 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	<ul style="list-style-type: none">• Committing to your Intrapersonal Growth• Elevator Pitch• Professional Bio• Exploring Tech Tracks• Resume Writing• LinkedIn Profiles• Interview Skills• Personal Brand & Bio• Career Skills
Week 03	Week 06	
<ul style="list-style-type: none">• Morning Pages for Personal Reflection• Habit Formation• Goal Setting• Defining Problems & User Stories• Problem Solving• Asking the Right Questions• Research Methodology & Ethics	<ul style="list-style-type: none">• Refresher on Habits for Intrapersonal Intelligence• Understanding the User• User Interviews• Intro to Wireframes & Prototypes• Teamwork & Team Communication• Conflict Management & Negotiation• Generating Solutions & Making Decisions• Human Centered Design	

Weekly Schedule

Each week, you will be expected to:

- Log into the portal and engage with your peers.
- Access the LMS (Canvas) and complete the weekly content.
- Submit assignments by the Sunday deadline usually at 11:59 pm GMT.
- Attend live expert sessions facilitated by the Technical Mentors on Tuesdays and Thursdays.
- Participate in the programme Office Hours for updates and support.

Weekly Content

AWS Cloud Practitioner

Week 1

Module 1: Course Introduction & Cloud Concepts Overview

Week 2

Module 2: Cloud Economics and Billing

Module 3: AWS Global Infrastructure Overview

Module 4: Cloud Security

Week 3

Module 5: Networking and Content Delivery

Module 6: Compute

Module 7: Storage

Week 4 – CATCH UP WEEK (No new content is introduced during this week)

Week 5

Module 8: Databases

Module 9: Cloud Architecture

Module 10: Automatic Scaling & Monitoring

Week 6 – CATCH UP WEEK

Week 7 & 8 – Exam Weeks

Week 9 – Recess Week

Week 10

Module 1: Welcome to AWS Cloud Architecting
Module 2: Introducing Cloud Architecting

Week 11

Module 3: Adding a Storage layer
Module 4: Adding a Compute layer

Week 12

Module 5: Adding a Database Layer
Module 6: Creating a Networking Environment

Week 13 – CATCH UP WEEK

Week 14

Module 7: Connecting Networks
Module 8: Securing User and Application Access

Week 15

Module 9: Implementing Elasticity, High Availability, and Monitoring
Module 10: Automating Your Architecture

Week 16

Module 11 – Caching Content
Module 12: Building Decoupled Architectures

Week 17 – CATCH UP WEEK

Week 18

Module 13: Building Microservices and Serverless Architectures
Module 14: Planning for Disaster

Week 19 – Hands-on Project

Module 15: Bridging to Certification

Week 20 – CATCH UP WEEK

Week 21, 22 & 23 – Exam Weeks

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.



2

Gaining work ready skills

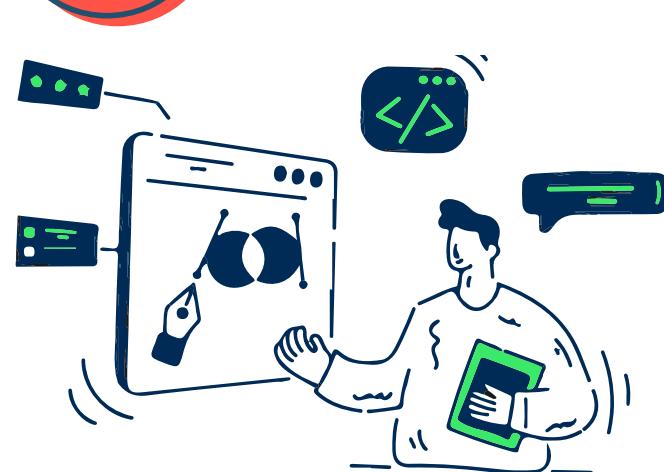
Learn up-to-date tech innovations with real-world projects.

3

In a state-of-the-art learning environment

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

2



4

With support from your peers.

Our alumni get access to our Fellowship community and events.



**GET
STARTED**
apply now

6





2024 Calendar

Programme - Cohort #	Application Deadline	Onboarding Starts	Programme Starts
Cloud Computing - C3	27 Feb	11 Mar	18 Mar
Cloud Computing - C4	28 May	10 Jun	17 Jun
Cloud Computing - C5	2 Jul	15 Jul	22 Jul
Cloud Computing - C6	20 Aug	2 Sep	9 Sep

DISCLAIMER: Please be aware that the dates provided are subject to change and are intended as a reference for your planning purposes, please refer to the website for date confirmation.





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.