



WBS CODING
SCHOOL

23-week program

AWS Cloud Computing & AI Course



 100% online

 Full-time

 23 weeks of live lessons

 English

 AWS re/Start included

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Why choose AWS Cloud Computing & AI?

Cloud computing is the backbone of the modern digital economy. From startups to global enterprises, every industry relies on cloud infrastructure — and AWS is the world's leading cloud platform. Professionals with AWS skills are among the most in-demand in the tech industry today, and that demand is only growing.

Our AWS Cloud Computing & AI course is designed to take you from beginner to job-ready cloud professional in just 23 weeks. 100% online and full-time, the program equips you with the skills, credentials and confidence to compete in one of the most exciting and best-paid fields in tech.

Official partner



WBS CODING SCHOOL is an **official AWS Partner** and **AWS re/Start is included in this course**. This means our training meets the quality and technical standards set by Amazon Web Services, and our students benefit directly — including the **AWS Certified Cloud Practitioner & AWS AI Practitioner exam** covered at no extra cost as part of the program.

The cloud runs the world

AWS powers millions of businesses globally — from Netflix and Airbnb to government agencies and healthcare providers. Cloud professionals are no longer a nice-to-have; they are essential. If you can architect, deploy and manage cloud solutions, you hold a qualification that virtually every sector needs right now.

Hands-on, learn by doing

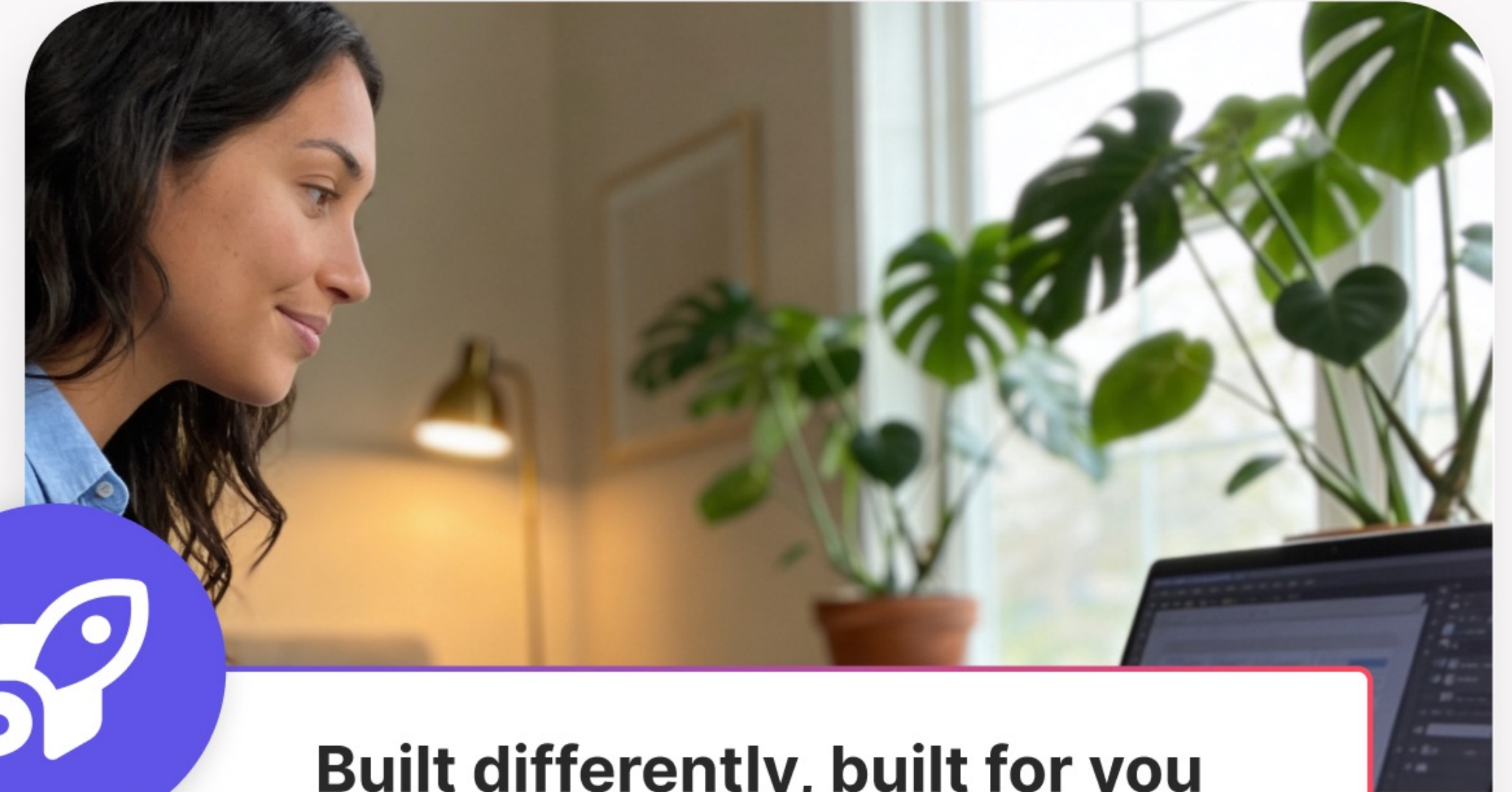
This is not a theoretical course. From day one, you will work in real cloud environments, complete independent AWS labs and build projects that reflect what employers actually need. By the time you graduate, you will have a hands-on portfolio demonstrating exactly what you can do.

Future-proof career opportunities

Cloud Engineer, AWS Solutions Architect, Cloud Administrator, Cloud Support Engineer — these are some of the most sought-after roles in the global job market. Our course prepares you for all of them, with three industry-recognised certifications included and 12 months of dedicated career support after graduation.

What can I **expect** in the course?

In our course, you will build expertise across the full AWS cloud stack — from foundational cloud concepts and Linux through to advanced architecture, networking, security, databases, monitoring, tooling automation, automated deployments and Machine Learning and AI. Whether you are a complete beginner or an IT professional looking to upskill, the course takes you step by step from the fundamentals to job-ready cloud expertise.



Built differently, built for you

This program stands out because it goes **beyond AWS re/Start**. Alongside the **12-week re/Start program**, students complete **three additional projects in Linux, Python and SQL** — building real skills, a job-ready portfolio and extra certifications.

Our students especially **benefit** from:

Official AWS Partner

WBS CODING SCHOOL is an official AWS Partner. Our training meets Amazon Web Services' own quality standards — giving your credentials real weight with employers.

AWS re/Start included

AWS re/Start is a 12-week program created by Amazon Web Services to train graduates to their own exacting standards. Our 23-week course includes these 12 weeks, plus three additional projects in Linux, Python and SQL, giving you real skills, a portfolio and more certifications.

AWS-certified instructors

Our instructors are AWS certified. They guide you through every topic, deliver live sessions, support your work and act as personal mentors throughout your 23 weeks.

4 external certifications

Linux Essentials and AWS Certified Cloud Practitioner (both included during the course), plus AWS AI Practitioner and PCEP Python certification vouchers after graduation.

Hands-on AWS labs

Every topic is reinforced through labs completed in real AWS environments — not simulations.

Real-world projects

You will build and deploy real cloud solutions throughout the course, graduating with a portfolio that demonstrates your skills to employers.

Career development

A dedicated career development week is built into the program alongside 12 months of post-graduation career support.

Learning methodology

Our goal is to prepare you for a real-world cloud career with a modern, structured learning approach. Across the 23 weeks, how you learn adapts to what you are studying.

During the 12 weeks of **AWS re/Start**, each topic follows a clear three-step structure:

Step 1 — Theory



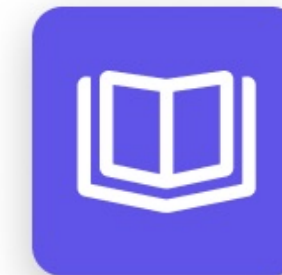
Your AWS-certified instructor delivers a focused presentation covering the key concepts and skills for each topic. Sessions are live, interactive and give you direct access to expert knowledge.

Step 2 — AWS Lab



You complete an independent hands-on lab in a real AWS environment, following structured instructions to apply what you have just learned. This is where skills become real.

Step 3 — Knowledge Check



A short quiz validates your understanding before you move on. This ensures you genuinely grasp each concept rather than just covering it.

During the remaining 11 weeks — **project-based learning**:



You are guided step by step through real-world projects in **Linux, Python and SQL** by your instructors and the LMS. Structured, hands-on and practical — building the skills and portfolio you need to enter the job market with confidence.

The course runs Monday to Friday, 9:00 to 17:30.

Learning and collaboration: **our digital tools**

Learning Management System (LMS)



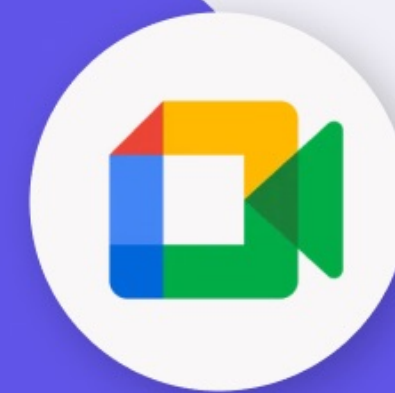
Our intuitive LMS is your central hub for all course materials, AWS lab instructions, assignments and projects. It keeps you on track throughout the 23 weeks and ensures everything you need is always in one place.

Slack – your team messenger



Slack is where the course community comes to life. Connect with your AWS-certified instructors, ask questions, get support and network with fellow students. It is also how we share announcements, resources and opportunities throughout the course.

Google Meet – for your video calls



All instructor-led sessions take place on Google Meet. High-quality video, clear audio and screen-sharing make live sessions engaging and easy to participate in from anywhere.

AWS Console – your cloud environment



You will work directly in the AWS Management Console throughout the course. Every lab is completed in a real cloud environment — giving you authentic, hands-on experience with the tools you will use in your career.

Syllabus

Cloud Foundations & Linux (8 weeks)

 Week 1

AWS Intro & Cloud Foundations

Start from the ground up. You will be introduced to core AWS concepts, cloud infrastructure and the fundamental principles behind modern cloud computing. This week sets the foundation for everything that follows.

 Weeks 5–6

Networking & Security

Understand how cloud networks are built, secured and managed. You will cover VPCs, subnets, routing, firewalls, IAM policies and AWS security best practices, the building blocks of any secure cloud environment.

 Weeks 2–4

Linux & CLI

Learn Linux, the operating system that underpins the majority of cloud infrastructure. You will get comfortable with the command line, file systems, permissions and scripting, building essential skills for any cloud professional.

 Weeks 7–8

Linux Certification

Consolidate your Linux knowledge and prepare for the Linux Essentials certification (Linux Professional Institute). You will sit the exam during this module, graduating with your first industry-recognised credential.

Python & Scripting (4 weeks)

 Week 9

Python Fundamentals

Learn Python from scratch and apply it to practical challenges, from local scripts to cloud deployments. You will write scripts, automate processes and work through exercises that reflect the kind of scripting cloud professionals do every day.

 Weeks 10-12

Python Project

Apply everything you have learned in a real hands-on Python project, with a hands-on introduction to Claude Code and AI-assisted coding along the way. This project reinforces your scripting skills and adds a strong portfolio piece for future employers.



Databases (3 weeks)

📅 Weeks 13-15

AWS Databases & SQL

Get hands-on with AWS database services and SQL. Learn how to store, manage and query data across cloud and local environments. You will work with RDS, DynamoDB and SQL querying — a core skill set for any cloud professional.



Advanced AWS (6 weeks)

 Weeks 16–17

Cloud Architecture & Systems Operations

Go deep into AWS cloud architecture, systems operations and the design principles behind scalable, resilient cloud solutions. Learn how to manage the operational aspects of running production cloud environments.

 Week 19

Monitoring, Tooling Automation & Automated Deployments

Explore AWS's growing suite of Machine Learning and AI services. You will gain a practical understanding of how AI capabilities are integrated into cloud architectures, one of the fastest-growing areas in the industry.

 Week 18

Servers, Scaling, Serverless & Containers

Explore AWS compute services in depth: EC2, Auto Scaling, Lambda (serverless) and containers. Understand when and how to use each, and build hands-on experience deploying and managing these services in real environments.

 Week 20

AWS Machine Learning & AI

Explore AWS's growing suite of Machine Learning and AI services. You will gain a practical understanding of how AI capabilities are integrated into cloud architectures — one of the fastest-growing areas in the industry.

Career Development, Exam Preparation & Certification (2 weeks)

 Week 21

Career Development

Consolidate your learning through revision and exam preparation for the AWS Certified Cloud Practitioner, completing it within the course. Alongside this, you will work on your job search strategy, refine your CV and LinkedIn profile and prepare for interviews with support from our career services team.

 Weeks 22–23

Exam Preparation & AWS Certified Cloud Practitioner

Consolidate everything you have learned and prepare for the AWS Certified Cloud Practitioner exam, completing it within the course via AWS re/Start, included at no extra cost. Graduate certified, job-ready and equipped with a portfolio of real cloud projects.



Course technologies

AWS EC2

Amazon Elastic Compute Cloud — the core AWS service for deploying and managing virtual servers in the cloud. You will use EC2 throughout the course for a wide range of cloud computing tasks.

AWS S3

Amazon Simple Storage Service — AWS's scalable object storage service. You will use S3 to store and retrieve data, host static content and build storage solutions into cloud architectures.

AWS RDS

Amazon Relational Database Service — a managed database service supporting MySQL, PostgreSQL and more. You will use RDS to deploy, manage and query relational databases in the cloud.

AWS Lambda

AWS's serverless computing service that runs code in response to events without managing servers. You will build and deploy Lambda functions as part of the serverless and containers module.

AWS VPC

Amazon Virtual Private Cloud — enables you to launch AWS resources in a logically isolated virtual network. VPC is central to the networking and security modules of the course.

AWS IAM

AWS Identity and Access Management — controls who can access AWS services and resources. You will learn how to design and implement secure IAM policies throughout the course.

AWS CloudFormation

Allows you to model and provision AWS resources using infrastructure as code. You will use CloudFormation in the tooling automation and automated deployments module.

Python

A versatile, widely-used programming language essential for cloud scripting, automation and data processing. Python is covered in depth across Module 2 of the course.

Claude Code

An AI coding assistant that helps developers understand, write and ship code faster. You will get a hands-on introduction to Claude Code in Module 2, learning how to use AI as part of your everyday coding work.

Linux & CLI

The operating system underpinning the majority of cloud infrastructure. You will develop strong command line skills across Module 1, culminating in the Linux Essentials certification.

SQL

The standard language for managing and querying relational databases. SQL is covered in the Databases module alongside AWS database services.

Google Meet

WBS CODING SCHOOL's primary tool for live instructor-led sessions. All live presentations and interactive sessions take place on Google Meet.

Slack

The course's central communication and collaboration platform, used for instructor support, peer networking and community engagement throughout the 23 weeks.



Certifications that open doors

This course prepares you for up to four industry-recognised certifications. Two are completed during the program at no extra cost: Linux Essentials and AWS Certified Cloud Practitioner. After graduation, you will also receive vouchers for two bonus certifications: PCEP and AWS AI Practitioner. You will also receive a completion certificate from WBS CODING SCHOOL and graduate with a hands-on portfolio of real cloud projects.



Linux Essentials (Linux Professional Institute)

The Linux Essentials certification proves your command of the command line, open-source tools and core Linux skills, a fundamental requirement for any cloud professional. You will sit the exam in Weeks 7–8, included at no extra cost.



AWS Certified Cloud Practitioner

Completed during the course (Week 23). Included at no extra cost. The industry benchmark for cloud fundamentals and one of the most recognised credentials in the cloud job market. You will sit the exam as part of your final weeks.



AWS AI Practitioner Certified

A bonus certification that validates your understanding of AI services on AWS, a credential that strengthens your profile in the growing AI-cloud job market. The voucher is available after graduation upon completing a dedicated LMS track and final quiz.



PCEP — Python Certified Entry-Level Programmer

Validates your Python programming skills, a credential that strengthens your profile and demonstrates coding capability to cloud employers. The voucher is available after graduation upon completing a dedicated LMS track and final quiz.



Team support: we're here **for you**

At WBS CODING SCHOOL, you are never on your own. Our dedicated team supports you at every step — from your very first application through to your first day in your new cloud career.

Admissions team

Your first point of contact. Our admissions team will guide you through the application process, answer your questions about course content, funding options and entry requirements, and help you take that first confident step forward.

Operations team

Your first point of contact. Our admissions team will guide you through the application process, answer your questions about course content, funding options and entry requirements, and help you take that first confident step forward.

Community team

The community team makes sure you feel part of something bigger, even while learning 100% online. Regular events, networking opportunities and an active Slack community keep you connected with peers and industry throughout the course and beyond.

Instructors

Our instructors are AWS certified and passionate educators. They guide you through every topic, deliver live sessions, support your independent lab work and act as personal mentors throughout your 23 weeks.

Career services

Our career services team is here to launch your cloud career. We help you level up your application materials, get you interview-ready, connect you with our hiring partner network and provide dedicated support for 12 months after graduation.

Career support for your dream **cloud job**

We support you on your journey into the cloud industry — from personalised career advice and our exclusive hiring partner network to events, portfolio support and beyond. Your success is our goal, during the course and for 12 months after you graduate.



Career service

Our career service helps you present yourself in the best possible way. From optimising your CV and LinkedIn profile to targeted interview preparation and AWS job application coaching, we are here to give you a real edge. Support continues for up to 12 months after graduation.



AI-powered career strategy program

Take advantage of our AI-powered career strategy program — helping you identify the right cloud roles for your skills, craft standout applications and develop a personalised roadmap for entering the job market with confidence.



Hiring partners

WBS CODING SCHOOL has strong ties to companies actively looking for cloud talent. Our hiring partner network gives you direct access to opportunities and our team works to match graduates with the right roles across a wide range of industries.



Events and guest speakers

Use our events to make valuable connections in the industry. Our guest speaker sessions bring cloud professionals and hiring managers into the classroom — giving you insights, inspiration and real networking opportunities throughout the course.

WBS CODING SCHOOL

WBS CODING SCHOOL is one of Europe's leading coding and tech course providers, dedicated to igniting tech careers and building futures in the industry. As an official AWS Partner with AWS re/Start included in our cloud program, we are recognised for delivering training that meets the quality standards of one of the world's most respected technology companies.

WBS TRAINING – our strong roots

WBS CODING SCHOOL stands tall, powered by the immense strength and heritage of WBS TRAINING — a true giant in European professional development for over 40 inspiring years. Being an integral part of this organisation, with its vast network spanning over 280 locations and more than 25,000 graduates every year, means we offer more than just a course. We offer a launchpad built on decades of educational excellence and profound market insight.



Our ratings ★★★★★



4.9/5
Google



4.8/5
Course Report



4.9/5
Switchup



4.8/5
Trustpilot

Study for €0 with a **Bildungsgutschein**

Education should be affordable for everyone. If you are eligible, the Agentur für Arbeit or Jobcenter can fully fund your AWS Cloud Computing course through a Bildungsgutschein (educational voucher) — **meaning it costs you nothing.**

Zero cost to you

If eligible, the Bildungsgutschein covers 100% of the course tuition. You gain transformative cloud skills for €0.

AZAV-Certified

WBS CODING SCHOOL programs are AZAV-certified, ensuring they meet national quality standards for professional integration and are approved for Bildungsgutschein funding.

End-to-end support

Not sure if you qualify? Our admissions team will guide you through the eligibility check and the full application process from start to finish.

Please note: this course is not available for direct self-payment by the student. Accepted funding routes include a Bildungsgutschein, QCG employer funding, company sponsorship or any other external funding arrangement. Our admissions team will help you find the right route.



Updated on June 13, 2026

WBS CODING SCHOOL

Building Futures, Together in Tech

Phone: +49 (0)30 555 789 760

Email: info@wbscodingschool.com

Website: www.wbscodingschool.com

