

AWS Cloud Engineering & AI



 100% online

 Full-time

 42 weeks of learning

 English

 5 industry-recognised certifications

 MacBook Air included

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Why choose AWS Cloud Engineering & AI?

Cloud is the foundation where AI is built. Every AI model, every digital product and every modern business runs on cloud infrastructure – and AWS is the world's leading cloud platform. Someone has to build and run it. That someone is a cloud engineer. Over 42 weeks you go from the fundamentals to a job-ready cloud engineer, building expertise across AWS, Docker, Kubernetes, Terraform, CI/CD and applied AI.

Official partner



WBS CODING SCHOOL is an **official AWS Partner**. 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 exams** covered at no extra cost as part of the program.

Learn by building

This is a hands-on course. You spend your time in real cloud environments, writing infrastructure as code, deploying containers and automating pipelines, the same work cloud engineers do on the job.

A future-proof career

Cloud and DevOps roles are among the most in-demand and best-paid in tech. With AWS skills, the engineering layer on top and applied AI, you'll be ready for roles that are hard for companies to fill.

AWS standards

As an official AWS Partner, WBS CODING SCHOOL delivers this program to the standards of the world's most widely used cloud platform.

That's why you belong here!

Personal guidance and interactive learning formats

Our teaching approach offers a modern mix of **live group sessions**, **1-on-1 support** (written and via video call), and **high-quality learning materials**.

Regular meetings give you the opportunity to clarify individual questions directly with your instructors and receive tailored guidance. Hands-on projects and labs ensure you engage actively with the course content and build a portfolio that employers value.



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

You learn the tools and techniques cloud professionals use every day: AWS, Linux, Python and databases, then the engineering layer of Docker, Kubernetes, Terraform, CI/CD and observability, and finally applied AI on AWS. Whether you're a beginner or already work in tech, the course takes you from the fundamentals to job-ready.



Why this course goes further

This course goes beyond the fundamentals, taking you from understanding the cloud to engineering it, with AI built in. You benefit from:

- **Hands-on projects:** real engineering work, not just theory.
- **5 industry-recognised certifications:** three during the course, two after.
- **A large-scale final project** instead of an exam alone.
- **AI-assisted coding** with Claude Code.



How do I learn in the course?

Project-based learning is at the core of what we do. You immediately apply your new knowledge in solo and team projects. This includes:



Group work to strengthen teamwork skills.



Daily live lessons and 1:1 support.



Short practice units to reinforce learning.



Building a portfolio of real projects.

Learning methodology

Our goal is to prepare you for the future of work with a modern learning approach. That's why we combine **hands-on learning with dedicated personal support**.



Knowledge is shared through a dynamic mix of live group sessions, individualized 1-on-1 support (via text & video call), and interactive learning materials – additionally supported 24/7 by our **AI assistant, NOVA**.



Active interaction: We use the time together with our instructors for what matters most: hands-on application. In short, interactive live sessions, we answer your questions and drive team projects forward.



Individual mentoring: Our instructors act as your personal mentors, providing you with targeted, individualized feedback.

Learning and collaboration: our digital tools

Learning Management System (LMS)



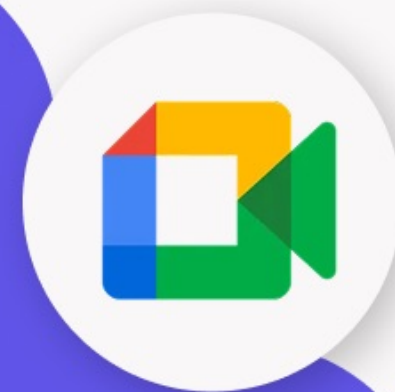
Our intuitive LMS is your go-to platform for all learning materials, assignments, and projects. It keeps you on track and makes managing your studies a breeze. Whether you're working independently or collaborating with your team, our LMS supports your every step.

Slack – your team messenger



Slack is where all the magic happens! It's our central tool for communication and collaboration. Connect with your instructors, ask questions, and get the support you need. Plus, Slack lets you network with fellow participants, share ideas, and work together on exciting projects.

Google Meet – for your video calls



Google Meet is our go-to tool for virtual meetings and video calls. With high-quality video, clear audio, and screen-sharing capabilities, Google Meet makes collaboration easy and keeps you connected with us.

Syllabus

8 weeks



Cloud Foundations & Linux

Build a strong foundation for a career in cloud engineering. Learn AWS core concepts, cloud infrastructure, Linux, the command line, networking, and security. Throughout the module, you'll prepare for and earn your Linux Essentials certification.

7 weeks

Python & Databases

Learn Python from the ground up and apply it to real-world cloud scripting tasks. You'll also explore AI-assisted coding with Claude Code before working with AWS database services and SQL to store, manage, and query data.

8 weeks



AWS Architecture & Cloud Practitioner

Deepen your understanding of AWS architecture and modern cloud systems. Work with systems operations, scaling, serverless computing, containers, monitoring, and machine learning and AI on AWS, while preparing for the AWS Certified Cloud Practitioner exam.

12 weeks

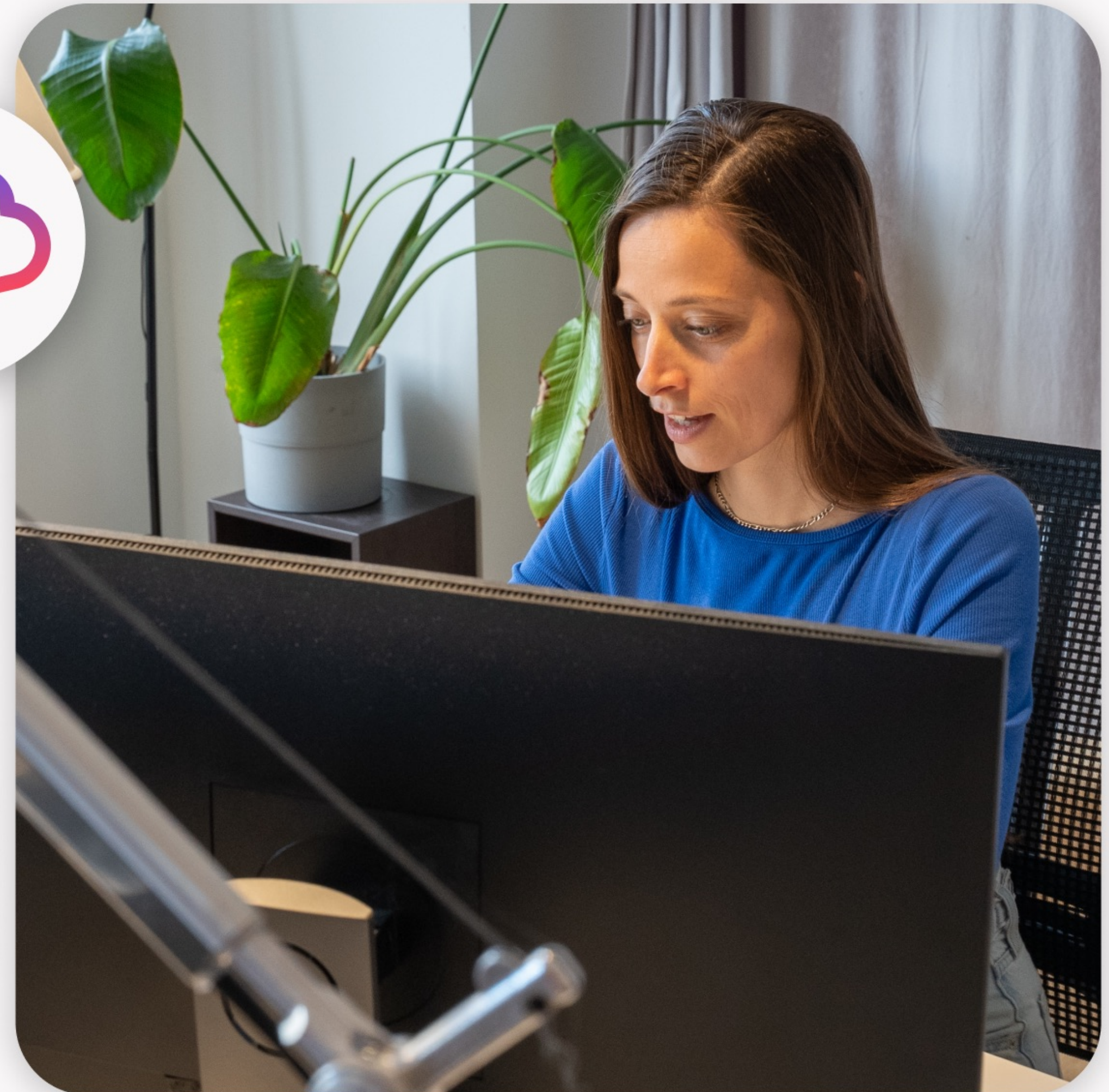
Cloud Engineering & DevOps

Build and automate modern cloud infrastructure using FastAPI, Docker, Kubernetes, Terraform, and Infrastructure as Code. Learn CI/CD with GitHub Actions, container orchestration, load balancing, DNS, automation scripting, and observability through hands-on engineering projects.

7 weeks

AWS AI Practitioner & Final Project

Explore applied AI on AWS and prepare for the AWS Certified AI Practitioner exam. Then plan, build, and present a large-scale cloud-native final project while receiving career coaching throughout the process.



Course technologies

You'll work hands-on with industry-standard cloud engineering tools:

AWS The world's leading cloud platform for building, deploying, and managing applications and infrastructure.	S3 AWS's scalable object storage service for files, backups, and application data.	Docker A platform for packaging applications into portable, consistent containers.	FastAPI A modern Python framework for building fast, high-performance APIs and web services.
Python A versatile programming language used for automation, scripting, cloud development, and AI.	IAM AWS's identity and access management service for securely controlling user permissions and resources.	Kubernetes A container orchestration platform for deploying, scaling, and managing containerized applications.	 AWS  Python  Linux  SQL  EC2  S3  VPC  Lambda  IAM  Kubernetes  CloudFormation  Docker  Terraform  Git  GitHub Actions  FastAPI
Linux A widely used operating system that powers servers, cloud infrastructure, and modern applications.	VPC AWS's private virtual network for securely hosting and connecting cloud resources.	Terraform An Infrastructure as Code tool for automating cloud infrastructure across multiple providers.	
SQL The standard language for storing, querying, and managing data in databases.	Lambda AWS's serverless computing service for running code without managing servers.	GitHub Actions A CI/CD platform for automating software builds, tests, and deployments directly from GitHub.	
EC2 AWS's virtual servers for running applications in the cloud.	CloudFormation AWS's Infrastructure as Code service for creating and managing cloud resources through templates.	Git A version control system for tracking code changes and collaborating with other developers.	

Certifications that open doors

By the end of the course you'll have hands-on experience, an impressive portfolio and your certifications.

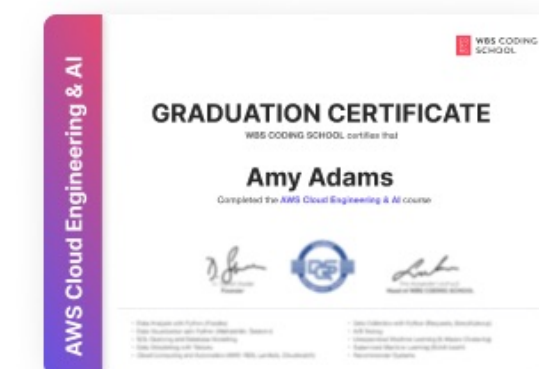
During the course you earn three industry-recognised certifications at no extra cost: Linux Essentials, AWS Certified Cloud Practitioner and AWS Certified AI Practitioner.



After graduation you can earn two more yourself: PCEP and AWS Certified Solutions Architect – Associate.



You also receive a **WBS CODING SCHOOL certificate** confirming your successful completion, a valuable credential for your job applications, especially alongside your project portfolio.



Your tool for success:

free MacBook Air

At WBS CODING SCHOOL, we want to set you up for success – and that starts with the right equipment. As a student in our program, you'll receive a powerful MacBook Air.

What makes this offer so special?

- **It's yours to keep:** The MacBook Air is yours after successfully completing the course.
- **Top-tier technology:** A sleek 13-inch MacBook Air with Retina display and the lightning-fast M4 chip – perfect for tackling challenging projects.
- **Completely free:** No hidden fees or deposits required.
- **Delivered to you:** Your device arrives before the course begins, so you're ready to hit the ground running. However this may vary for students living in rural areas.



Equipped with this high-performance device, you're ready to excel. Leverage one of the industry's finest tools and begin your journey to success!



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

At WBS CODING SCHOOL, you're never on your own. Our dedicated team supports you every step of the way.

Admissions team

First, you'll meet our Admissions Team. They'll guide you through the entire application process, answer your questions about course content, financing, and entry options, and help you to achieve your goals.

Community team

The Community Team makes sure you feel part of our vibrant community, even online. With regular events, networking opportunities, and an active Slack community, we encourage interaction and connection – both during the course and beyond.

Operations team

The Operations Team ensures that your course runs smoothly. Whether it's organizational questions, technical challenges, or anything else – our team handles all the details.

Instructors

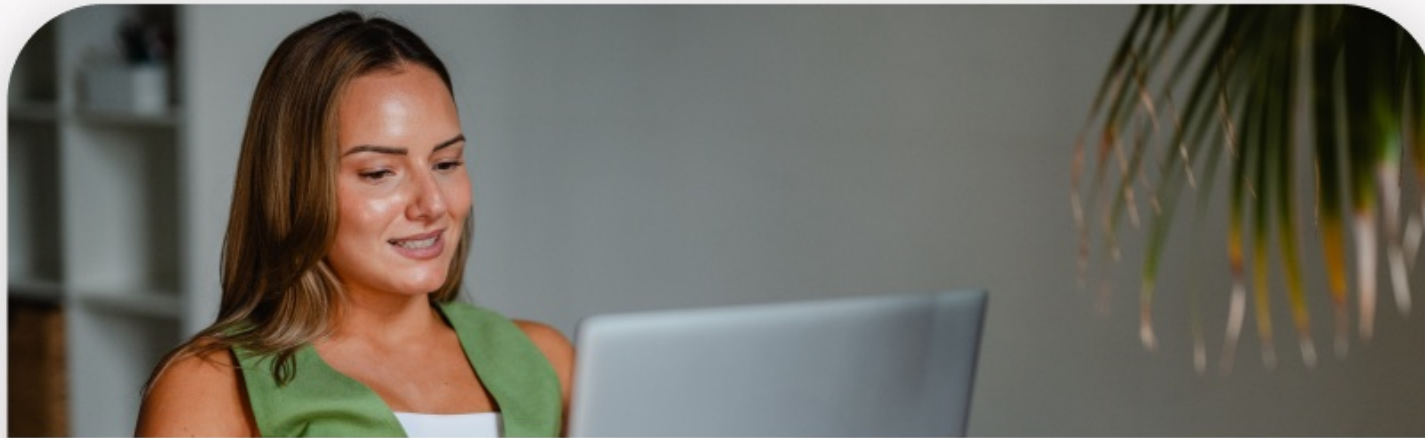
Our instructors are not only experts in their fields but also passionate educators. They'll be there for you throughout the course, helping you unlock your full potential.

Career services

Our Career Services team is here to kickstart your journey into the working world. We'll help you level up your application materials, get you interview-ready, and share valuable tips to ace your job search.

Career support for your **dream job**

We support you on your journey into the tech world: from personalized career advice to exciting events. Your success is our goal – during the course and beyond!



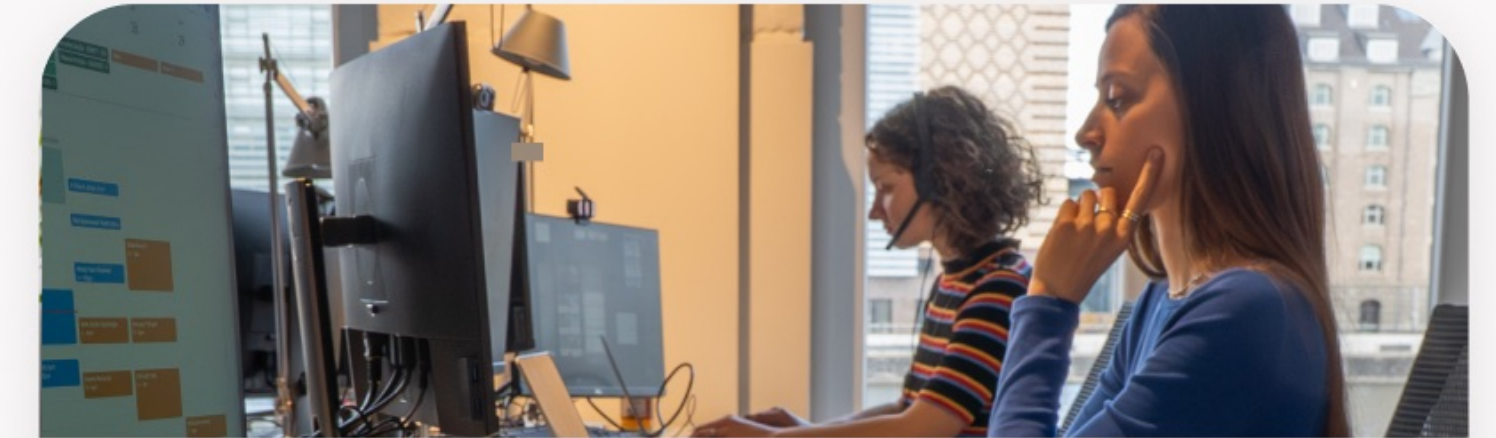
Career service

If you're looking for a new job, our career services will help you present yourself in the best possible light – not only during your course, but for up to 12 months after you graduate! From optimizing your resume to targeted interview preparation, we're here to support you.



Events

Use our events to make valuable connections in the industry. For example, at our Alumni Talk, former students share how their careers have progressed after the course – a perfect opportunity to gain insights and learn from real experiences.



Partners

With strong roots in the Berlin tech scene and close ties to companies and industry experts, we offer you a network that makes it easier to enter the job market. Our partners are always on the lookout for talent and exciting projects – and you can benefit from that!

Job market and prospects

Cloud and DevOps skills are among the most in-demand in tech, and demand keeps growing as more of the economy, and more AI, runs on cloud infrastructure. Skilled cloud engineers are hard to hire, which means strong opportunities and competitive pay across industries.

Here's what might await you after the course:

Cloud Support/Operations Engineer

Keep cloud environments running smoothly by monitoring systems, troubleshooting issues, and maintaining the infrastructure businesses rely on.

Cloud Engineer/Junior DevOps Engineer

Build, automate, and manage cloud infrastructure using Infrastructure as Code, containers, Kubernetes, and CI/CD pipelines to deliver reliable, scalable systems.

Platform Engineer

Develop and maintain internal platforms and automation tools that enable engineering teams to deploy, operate, and scale applications securely and efficiently.

WBS CODING SCHOOL

Your entry into the **tech world**

Since 2019, we've been dedicated to transforming ambitious learners into tech industry professionals. Our online courses in AI, Data, UX/UI, and Software Development are designed to meet the fast-paced demands of today's job market. Guided by expert instructors, students learn by doing, building the confidence to tackle the challenges of a dynamic tech industry.

But we're more than just tech training. We're a community built on inclusivity, empowering the innovators of tomorrow through personalized support, hands-on projects, and a focus on skills that make a real impact. Together, we're shaping a tech industry that's diverse, accessible, and ready for the future.

WBS GRUPPE – our strong roots

As part of the renowned WBS GRUPPE, one of Europe's leading providers of professional development, we benefit from over four decades of experience and an extensive network.



WBS CODING SCHOOL in numbers

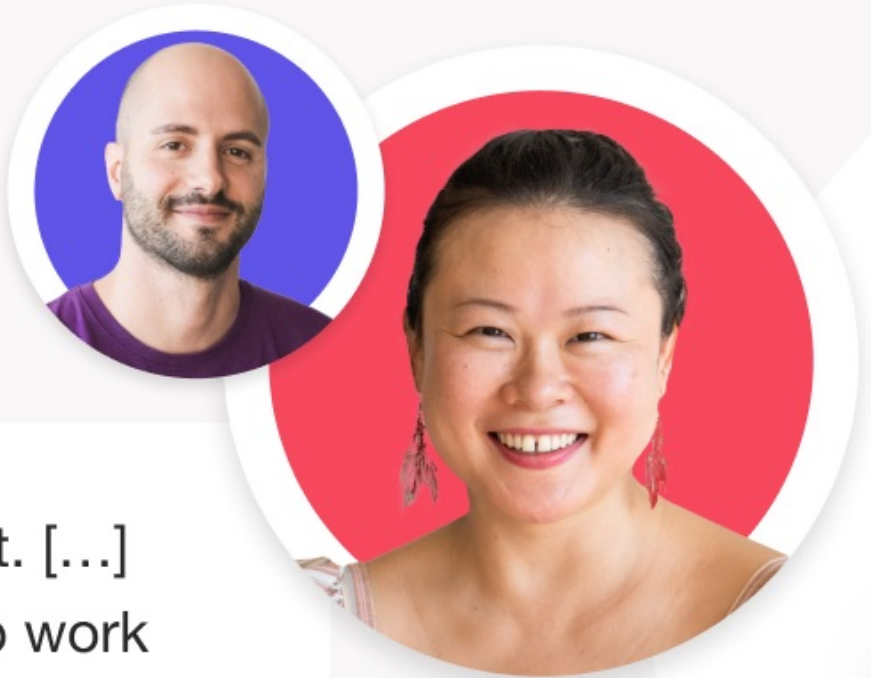
40+ years of experience from the WBS GRUPPE

2019 - founded as part of the WBS GRUPPE

2,000+ graduates

280+ WBS locations

What our alumni say



“I completed the course at WBS CODING SCHOOL and can highly recommend it. [...] Instructors are always approachable and supportive when questions arise. Group work is strongly encouraged [...]. An excellent environment to gain real skills for a career in tech!”

★★★★★ Marvin Wolff, WBS CODING SCHOOL graduate

“Attending the WBS CODING SCHOOL Course has been one of the most transformative experiences [...]. The staff and instructors are [...] genuinely invested in every student’s success. I [...] highly recommend it to anyone seeking a top-tier tech education.”

★★★★★ Racheal Odiri Awolope, WBS CODING SCHOOL graduate



Course Report
4.8/5 Stars



Switchup
4.9/5 Stars

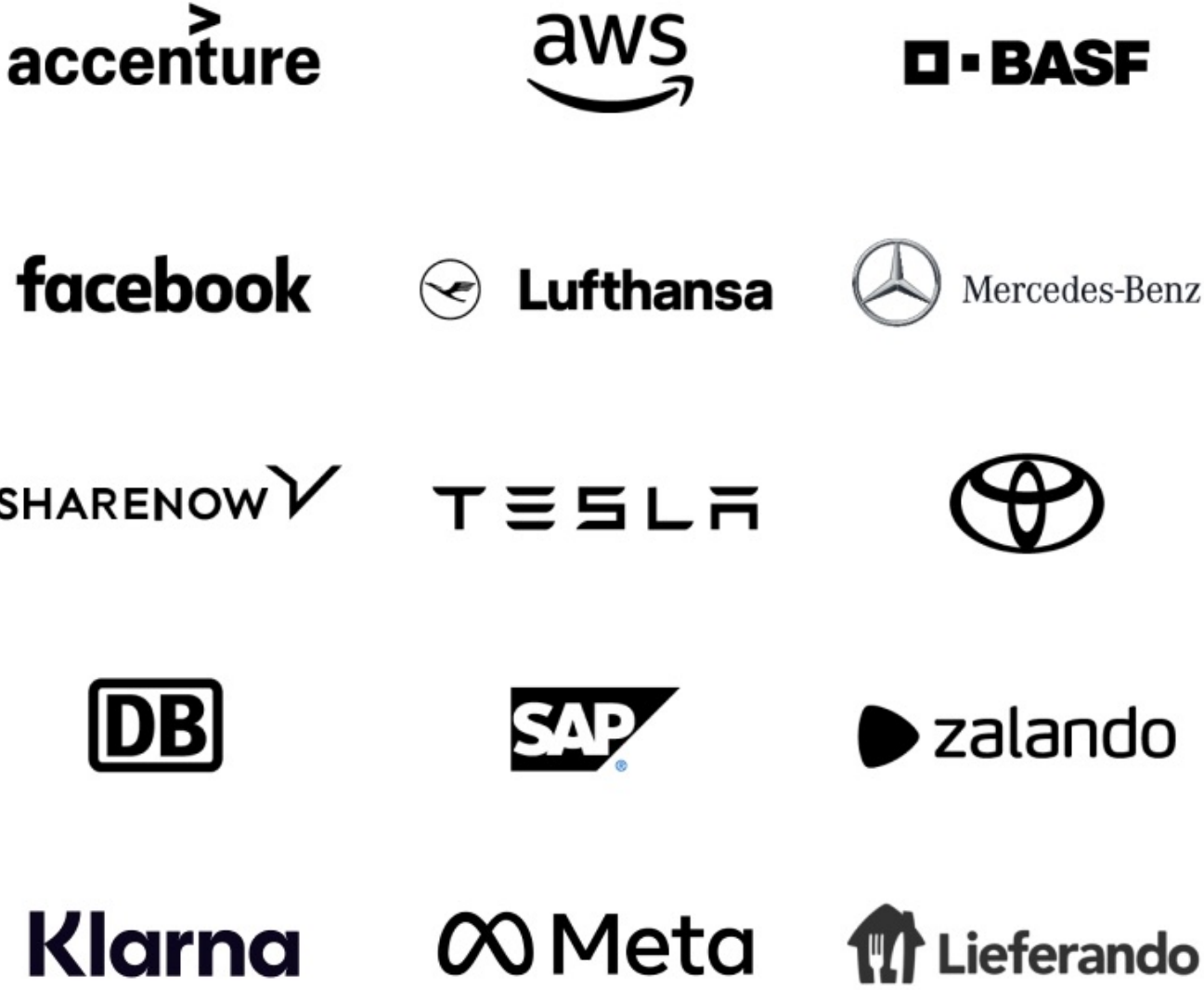


Google
4.9/5 Stars



Trustpilot
4.8/5 Stars

Where our alumni work:



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