CLOUD ARCHITECT
(AWS & Azure)

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About the Program

In today's business world, companies are moving toward cloud-based IT infrastructure and are focussing on implementing cloud applications to help them make their businesses more efficient. If you are overseeing the cloud adoption initiatives for your company or are preparing yourself or your team for cloud computing roles, then this course by Simplilearn provides everything you need.

Simplilearn's Cloud Architect (AWS & Azure) Architect program teaches the critical skills required to design and deploy dynamically scalable and reliable applications on the cloud. This course will give you the knowledge, skills and experience you will need to work across the two major cloud platform providers: Amazon Web Services(AWS) and Microsoft Azure. This includes hands-on experience using the following platforms:

Amazon Web Services (AWS)

The course covers Elastic Compute Cloud (EC2) VMs, Amazon Lightsail, EC2 Container Service (ECS), EC2 Container Registry, AWS Batch, RDS, Glacier, Snowball, CloudFront, DynamoDB, Redshift, Auto Scaling, CloudWatch, ElastiCache, Elastic MapReduce(EMR), CloudTrail, Cloud Search and Security.

Microsoft Azure

The course covers Azure container service, Azure VM, file storage, blob storage, table storage, CDN, ExpressRoute, SQL database, Azure AD, PowerShell, HDInsight, Azure Batch, Azure autoscaling, Azure DNS, Traffic Manager, SQL data warehouse, Azure search, Azure portal/Azure monitor.

Program features

365 days access to course content

60+ hours of live instructor-led online classes

100+ hours of self-paced, online content
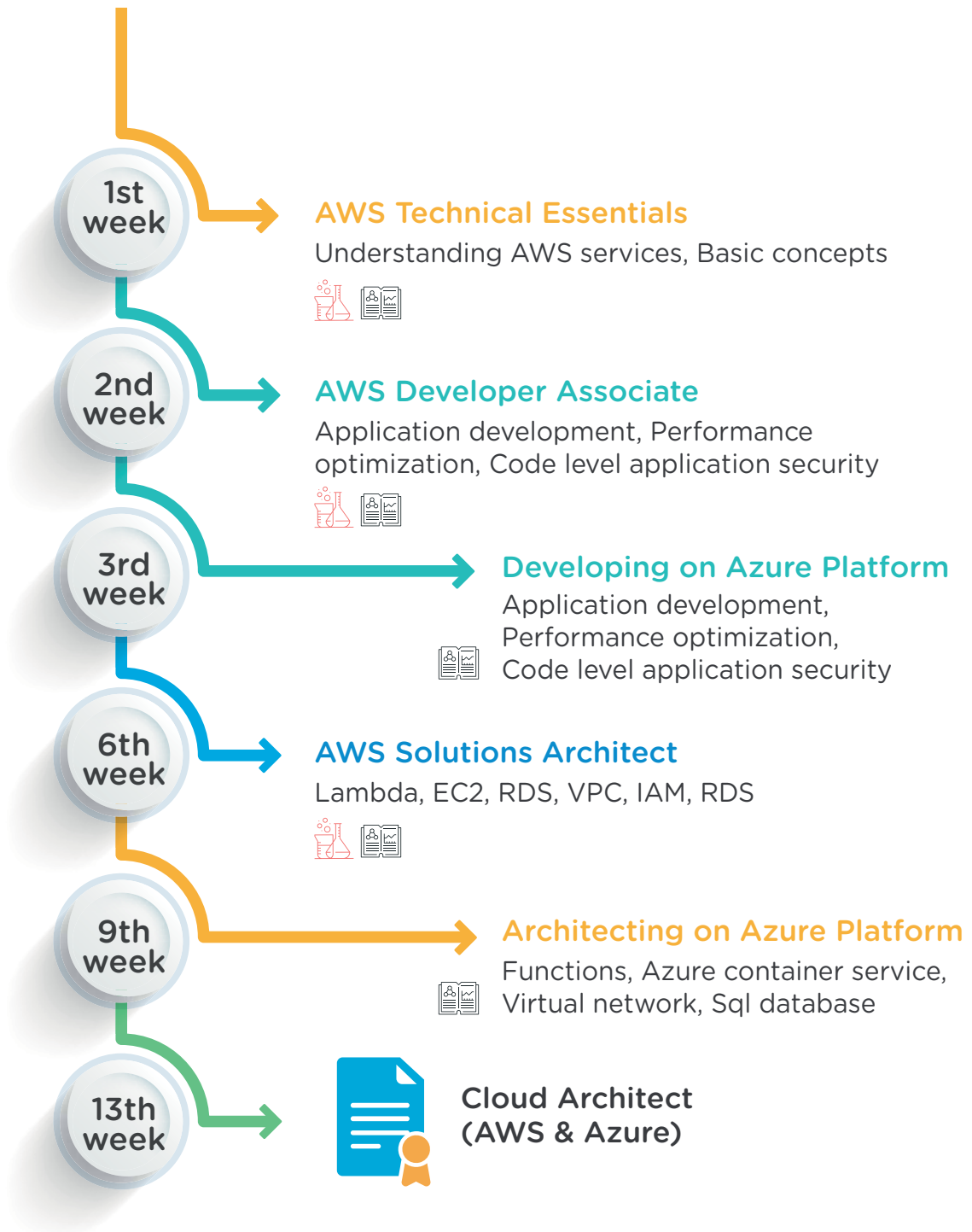
3+ industry projects for hands-on experience

Electives that offer specific topics relevant to your goals and interests

Benefits of this program

- This program provides the knowledge, skills and practice required to:

- Design, plan and implement a cloud architecture for your organization

- Manage and provision the cloud infrastructure

- Implement security and compliance applications for your cloud infrastructure

- Analyze and optimize technical and business processes for your organization

- Ensure reliable operations and solutions

Learning Path

1st week — **AWS Technical Essentials**
Understanding AWS services, Basic concepts

2nd week — **AWS Developer Associate**
Application development, Performance optimization, Code level application security

3rd week — **Developing on Azure Platform**
Application development, Performance optimization, Code level application security

6th week — **AWS Solutions Architect**
Lambda, EC2, RDS, VPC, IAM, RDS

9th week — **Architecting on Azure Platform**
Functions, Azure container service, Virtual network, Sql database

13th week — **Cloud Architect (AWS & Azure)**

● Instructor-Led & Self-Paced   ● Instructor-Led   ● Self-Paced   Projects   Labs

*Assumption: Your study plan is 8 hours per week

Who should enroll for this program?

This course is perfect for professionals who want to advance their careers with a deeper understanding of cloud architecture, including:

- ✓ Product managers
- ✓ Systems administrators
- ✓ IT operators, engineers, administrators and managers
- ✓ Cloud engineers
- ✓ Developers
- ✓ Software architects

Why should you enroll for this program?

18 MILLION
Career Opportunities for professionals associated with cloud computing across the globe

AVERAGE SALARY $124K

Top Industries:
- Insurance
- Telecommunications
- Retail
- Manufacturing

26.00%
Annual Growth for cloud related oppurtunities in IT sector worldwide

Job titles include
- Cloud Architect
- Enterprise Solutions Architect
- DevOps Cloud Architect
- Infrastructure Architect
- Cloud Engineer

Companies that hire Cloud architects -
aws, Microsoft, ORACLE, JPMorganChase, Deloitte, Google, Capgemini, verizon, IBM, SAP, salesforce

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