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Learn Today $ Earn Tomorrow
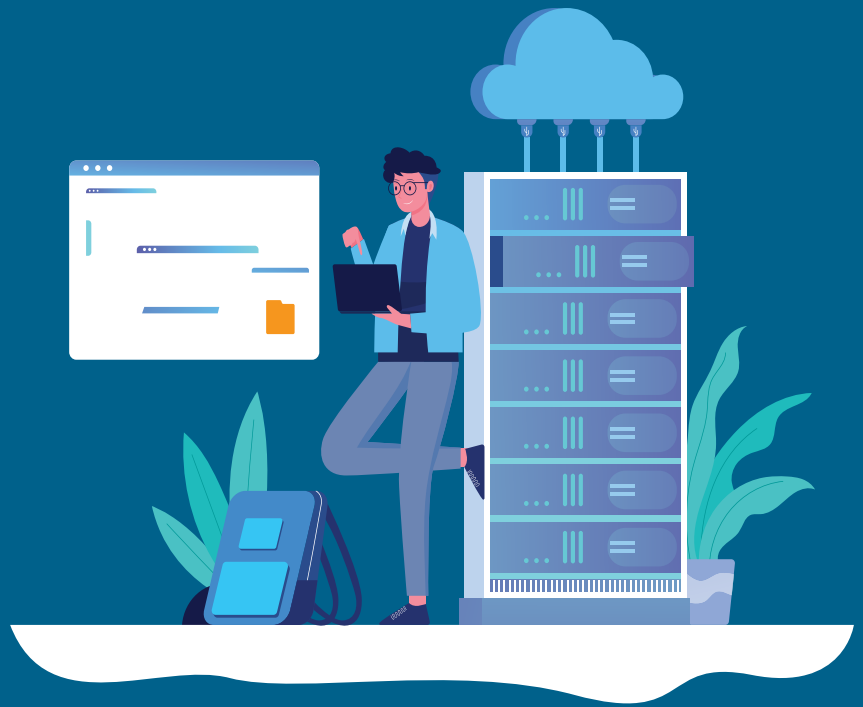
Course Outline of
AWS Training

TABLE OF **CONTENT**

NS3EDU: BRIDGE YOUR IT DREAMS TO REALITY

EMPOWERING CAREERS
THROUGH KNOWLEDGE

Looking to make it big in the world of IT networking? Look no further than NS3Edu! We help beginners learn the ropes & experienced pros master new skills. Come join us and build your dream career!

MISSION

The mission of NS3Edu is to empower our candidates with in-depth knowledge of IT fundamentals along with real-time industry experience and also take 100% responsibility for the placement by making them Industry fit.

CERTIFICATES

VISION

In-depth knowledge + hands-on experience + analytical thinking = placement

ROADMAP OF
JOB
PLACEMENT

Confused in **Different** Career Options

Qualifies- Job Placement

Counselling & **Demo** sessions

DEMO

Opportunities for **Job** Placement

Student Enrollment & Induction **session**

Screening by Corporate **HR** & **Tech** Team

Course **Kick** off (Live Classes)

2 Week **Technical Task** Training

Access to Recorded Sessions, E book & Lab Manual

[●REC]

NS3 Tech **Industrial** Exposure

Course **Completion**

WHAT MAKES US UNIQUE?

USP's

Industry Demand & Customized Courses

Smart Classrooms

100% Job Placement

Offline/Online Classroom Mode

Lifetime Membership

Recorded Sessions & Mock Interviews

Employability Enhancement Program

100% Industry Fit

24*7 Lab Access & Real-time Troubleshooting

Certified Trainers & Advance Lab

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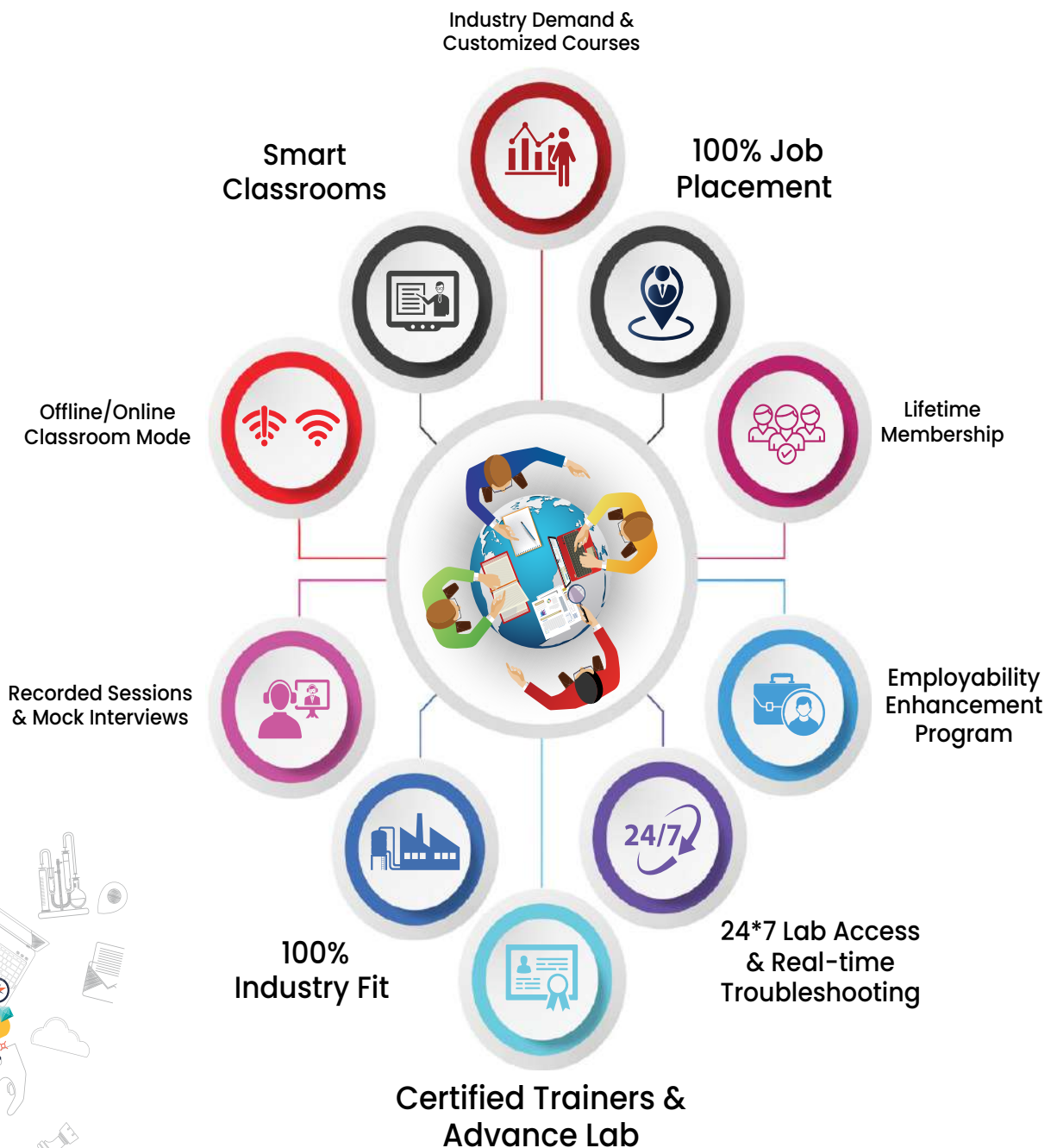
Course Outline of AWS Training

Lesson 00 - Course Introduction

- Course Overview

Lesson 01 - AWS Overview

- AWS Overview
- History and Evolution of AWS Knowledge Check
- Overview of AWS Products and Services Quiz
- Key Takeaways

Lesson 02 - Designing Highly Available, Cost-efficient, Fault-tolerant, and Scalable Systems

- Designing Highly Available, Cost-efficient, Fault-tolerant, and Scalable Systems How to design Cloud Services
- Knowledge Check Planning and Designing Knowledge Check Monitoring and Logging
- Knowledge Check
- Hybrid IT architectures
- Knowledge Check
- Practice Assignment Designing Hybrid Storage
- Quiz

Lesson 03- Identity and Access Management (IAM)

- IAM Overview and Policies
- Knowledge Check
- IAM Users, Groups, and Roles Knowledge Check
- IAM Best Practices
- IAM Users, Groups, and Roles Knowledge Check
- IAM Best Practices
- Practice Assignment Configuring IAM Access Quiz
- Key Takeaways

Lesson 04 - Amazon Virtual Private Cloud(VPC)

- Amazon Virtual Private Cloud (VPC)
- Amazon VPC and Subnets
- Networking
- Using Security Groups and Network ACLs Knowledge Check
- Amazon VPC Best Practices and Costs Practice Assignment Designing a Custom VPC Quiz
- Knowledge Check

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Lesson 05- Elastic Compute Cloud (EC2)

- Cloud Compute with AWS
- Amazon EC2 Overview Amazon Machine Images (AMI)
- Launch and connect to an EC2
- Linux instance Demo 1
- Launch and connect to an EC2 Windows instance Demo 2
- Create an AMI Demo 3
- Introduction to EC2 Instance Types
- Overview of Amazon EBS
- EC2 Pricing Knowledge Check
- Elastic Load Balancing (ELB)
- Auto Scaling
- AWS Services
- AWS Lambda Demo
- Amazon Elastic Container Service Knowledge Check
- EC2 Best Practices and Costs Practice Assignment Configure ELB Quiz
- Key Takeaways

Lesson 06 - Amazon Simple Storage Service(S3)

- Amazon Simple Storage Service (S3) S3 Overview and Buckets Knowledge Check
- Version Control and Lifecycle Management Knowledge Check
- CloudFront and CDNs Knowledge Check Security and Encryption Knowledge Check
- Amazon Import - Export Snowball Knowledge Check
- S3 Best Practices and Costs
- Practice Assignment Create an Amazon S3 bucket
- Quiz
- Knowledge Check

Lesson 07 - Amazon Route 53

- Amazon Route 53 Concepts
- Knowledge Check
- Amazon Route 53 Best Practices and Costs
- Practice Assignment Amazon Route 53 Hosted Zone 0 Quiz
- Key Takeaways

Lesson 08 - Databases

- Databases Databases Overview
- Amazon Relational Database Service (RDS)
- AMI Databases
- Key Takeaways
- Amazon DynamoDB
- Amazon Redshift

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- Amazon ElastiCache
- Amazon Aurora
- AWS Database Migration Services (DMS)
- Database Best Practices and Costs
- Practice Assignment
- Amazon RDS Quiz
- Key Takeaways

Lesson 9- Application Services

- AWS Application Services
- Amazon Elastic Transcoder
- Amazon Workspaces
- Application Services Best Practices and Costs
- Practice Assignment Amazon SNS
- Quiz
- Key Takeaways

Lesson 10 - Security Practices for optimum Cloud Deployment

- Security Practices for Optimum Cloud Deployment
- AWS Responsibilities and Security Attributes
- Knowledge Check
- AWS CloudFormation and Design patterns
- Practice Assignment AWS CloudWatch Quiz
- Key Takeaways

Lesson 11 - Disaster Recovery

- Disaster Recovery
- Overview and Products for Disaster Recovery
- Practice Assignment Disaster Recovery
- Quiz
- Key Takeaways

Lesson 12 - Troubleshooting

- Troubleshooting Troubleshooting and Support Quiz
- Key Takeaways

Lesson 13 - AWS Solutions Architect Exam

- AWS Solutions Architect Exam
- Exam Overview and Study Tips
- Knowledge Check
- Key Takeaways

Project 1: Custom VPC Creation

Create a custom VPC with public and private subnets on two availability zones, and launch instances into each subnet

Project 2: Load balancer Configuration

Launch two web servers, and configure a load balancer and auto-scaling

Project 3: RD Gateway Configuration

Configure an RD Gateway on a VPC with a public and private subnet

Our USP's

- AWS Certified Trainer
- Bilingual Lectures
- Hands on Lab
- Q&A Preparation and Assessment Module
- Recorded Sessions

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Course Details

Training Hours & Duration • **Weekday** Duration Hours • **Weekends (Sat & Sun)** Duration Hours	 **45 Days** **2 Hours per day** **13 Weekends** **3 Hours per day**
Training Mode	**Online**
Session Type	**Personalized**
Study Material	**Yes**
Price	**20, 000 INR**

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