

# Cloud computing using AWS

## Description

AWS Certification Internship from us is designed to provide in depth knowledge about AWS architectural principles and its services. Cloud computing jobs are hot commodities in IT, as more companies adopt cloud. From managing big data to cracking down on security, a cloud career can head in a number of different directions.

## Expectations and Goals

- Students are able to understand AWS Architecture and different models of Cloud Computing
- Compute Services: AWS EC2, Auto Scaling and Load Balancing, AWS Lambda, RDS, Cloud watch
- Student can host cloud based static website

- + Live Sessions by the mentor.
- + Opportunity to interact with trainer.
- + After each session the recording of the session shall be provided.
- + Doubt clearing sessions.
- + 24/7 Support team to assist in software installation and other issues.
- + Live Project implementation.
- + Internship Certificate.
- + Ardent Certificate contains logos of all the affiliations like Microsoft, Adobe, AutoDESK, EC-COUNCIL, MSME, NCVT, ISO 9001:2015.
- + Softcopy of study materials shall be provided.

## Prerequisites

Anybody interested in Cloud Computing can take this Internship but one international credit /debit card mandatory to register with AWS cloud.

## Course Schedule

Module	Topic
<b>Module 1</b>	Introduction to cloud computing Different cloud service provider Cloud computing application and future scope Working with different instances(windows, Linux) Putty configuration EC2 volume, image, Snapshot
<b>Module 2</b>	Introduction to S3 S3 version Security AWS Cloud Watch Alarm SNS, SMS Billing alert Corn expression, arn
<b>Module 3</b>	IAM User, Role, Policy, group, MFA Cognito, CloudFront Route53 VPC Lambda

<b>Module 4</b>	ELB Auto Scaling RDS Dynamo DB AWS IOT Machine Learning tool
<b>Module 5</b>	Different cloud services and comparison Introduction to azure cloud services Introduction to google cloud project
<b>Module 6</b>	Project work and documentation