

Online Live Classes

# CloudEdge Bootcamp



Build Your  
Skill Academy



A Hands-on  
Project Oriented  
Cloud Computing  
&  
AWS Course

GET INTO  
CLOUD JOB  
ROLE IN  
2 MONTHS

✓ Hands-On Learning & Projects

✓ Certification Preparation

✓ Expert Instructor

CONTACT US



+91-XXXX-XX-XXXX



contact@buildyourskillacademy.com



<https://buildyourskillacademy.com/aws-cloud-course/>

ENROLL NOW

100% Job Assistance



## Build Your Skill Academy

# Cloud Computing and AWS Cloud

Limited Batch Size

## About CloudEdge Bootcamp

Unlock the power of the cloud with our intensive AWS Cloud Bootcamp, designed to transform you into a proficient cloud professional.

### Duration

2 Months / 8 Weeks

Online Live Classes on Sat & Sun

## Contact Us

+91-8454071212, +91-8999536876  
contact@buildyourskillacademy.com

## Key Learnings

- AWS Core Services
- Real-World Projects
- How to Get Cloud Job

## Bootcamp Benefits

- Learn in-demand AWS Cloud skills required for Job,
- Industry Expert Instructor
- Personal Guidance Sessions for Job
- Boost Your Career and Salary

# 4 STEP SYSTEMATIC APPROACH TO GET AWS JOB



## 4. Go & Grab AWS Cloud Jobs

Start attending AWS role interviews and grab high-paying jobs in AWS skills.



## 3. Transform Your Profile for Cloud Role

Transform your profile by including AWS skills, and projects in your resume & LinkedIn profile.



## 2. Learn Cloud Computing & AWS

Learn core concepts, do hands-on practicals, and build real projects on AWS Cloud.



## 1. Enrol into CloudEdge Bootcamp

Take the first step to enroll in the highly effective CloudEdge Bootcamp.

## Expert Instructor

HELLO, I AM



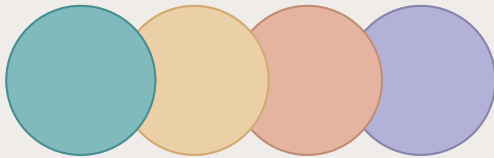
# Manoj Sharma

- 18 years in the IT industry
- Expertise in AWS and Azure Cloud

### ABOUT ME

I've spent over 18 years in the IT industry, with the last 5+ years honing my expertise in AWS and Azure Cloud. Now, I'm thrilled to invite you on a weekend journey to learn from my experiences. Join this Cloud Computing & AWS Bootcamp today. Let's take your skills to new heights together!

### FAVORITE COLORS



### MY OBSESSION

Hello, I am Sacha



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum in ex id justo sagittis rutrum id sed ipsum. Etiam gravida ullamcorper mi eget porta.

# AWS LEARNING TOPICS



WEEK

Cloud Foundation Skills - 4 hrs

01



AWS Core Services & IAM - 4 hrs

02



AWS Network & VMs - 4 hrs

03



Storage & Databases - 4 hrs

04



ELB, Auto-Scaling & Monitoring - 4 hrs

05



AWS Developer & DevOps - 4 hrs

06



AWS Practical Projects - 4 hrs

07



AWS Practical Projects - 4 hrs

08



**Total Hours - 32 hrs**

# Learning Content

## **Week 1 Goal**

### **Strong foundations create lasting success.**

Build a solid foundation in cloud computing, Grasp the core principles, and Identify and analyze various cloud service and deployment models along with an introduction to AWS Cloud Platform.

#### Topic 1: Cloud Computing - Basics & Advantages

- IT Landscape Before Cloud
- Virtualization & Hypervisor
- Virtualization to Cloud Computing
- Cloud Computing in Nutshell
- Advantages of Cloud Computing
- Cloud Powered Real-World Applications

#### Topic 2: Cloud Computing Models & Deployment Models

- Cloud Computing Models
  - IaaS, PaaS, SaaS
  - Comparison between IaaS, PaaS, and SaaS
    - Cloud Computing Deployment Models
  - Public Cloud, Private Cloud, Hybrid Cloud, Multi-Cloud, Community Cloud
- Real Life Use Cases

# Learning Content

## Topic 3: Introduction to AWS Cloud Platform

- **AWS Fundamentals**
- Global Infrastructure
- Security & Compliance
- Shared Responsibility Model
  - **AWS Cloud Computing Platform**
  - **Key Building Blocks**
- AWS Well-Architected Framework
- AWS Account Creation, AWS Console Tour
- AWS CLI Overview and Setup

# Learning Content

## **Week 2 Goal**

**Learn Core Services Offered by AWS Cloud.**

**Manage Cloud as Admin & Create/Manage Users**

Equip yourself with an understanding of AWS's core services, their purpose, and use cases. Discover the power of IAM service and Learn how to create and manage users, groups, and roles while implementing policies to control access.

### Topic 4: AWS Platform – Core Services (10,000 Feet View)

- **Compute Services**
- **Storage Services**
- **Database Services**
- **Security & Identity Services**
- **Networking Services**
- **Cloud Management Services**
- **Developer & DevOps Services**
- **AI/ML Services**
- **Analytics Services**
- **AWS Billing Dashboard Overview**
- **Billing, Budget, and Cost Management**
- **Setup Your First Billing Alert**
- **AWS Support Options**

# Learning Content

## Topic 5: IAM (Identity and Access Management) Concepts

- **IAM Introduction**
- **Root User, Create IAM user**
- **Enable Multi Factored Authentication**
- **Roles/Temp Security Token**
- **Authentication, Authorization, Rotating Keys**
- **User Groups**
- **IAM Policies**

# Learning Content

## **Week 3 Goal**

### **Build Cloud Network, Run Virtual Servers with Storage**

Topic 6: Build Network, Launch VMs with Storage Using VPC, EC2 and EBS

- VPC Basics, Subnet, Route Tables, Security Groups, NACLs, Internet Gateways, Elastic IPs, NAT Instances
- EC2 Instance Types, AMIs, Lifecycle, Pricing and Tenancy Options
- EBS Basics, Volume Types, Protecting Data
- AWS Systems Manager

# Learning Content

## **Week 4 Goal**

### **Set up Object Storage with S3, Database with RDS & Learn Database Migration to Cloud**

Topic 7: Learn Object Storage, Setup & Migrate Databases Using S3, RDS and DMS

- **S3 Basics, Buckets, Keys, Object URLs, S3 Operations, Access Control, Durability & Availability**
- **S3 Static Web Hosting, Encryption, Versioning, MFA Delete, Pre-signed URLs, Cross Region Replication, S3 Advanced Storage Classes**
- **RDS Basics, Relational DBs, Data Warehouses, NoSQL DBs**
- **RDS Instances, Operational Benefits, Database Engines**
- **Storage Options, Backup and Recovery**
- **High Availability with Multi-AZ, Scaling Up and Out, Security**
- **Overview of DynamoDB**
- **Database migration service**

# Learning Content

## **Week 5 Goal**

**Build highly available & and highly scalable systems**

Topic 8: Elastic Load Balancing (ELB) & Auto-Scaling

- **Monitor AWS Resources**
- **Basic Monitoring & Detailed Monitoring**
- **CloudWatch Logs**
- **Cloud Trails**

# Learning Content

## Topic 9: Cloud Monitoring - CloudWatch and CloudTrail

- **Monitor AWS Resources**
- **Basic Monitoring & Detailed Monitoring**
- **CloudWatch Logs**
- **Cloud Trails**

# Learning Content

## **Week 6 Goal**

### **Build and deploy Applications on the Cloud, with DevOps Pipeline**

Topic 10: AWS Developer & DevOps Services

- Cloud9, CodeStar, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Elastic BeanStalk
-

# Learning Content

## Topic 11: AWS Serverless Applications

- **AWS Lambda**
- **AWS Fargate**

# Learning Content

## **Week 7 Goal**

### **Explore & Build Real Cloud Projects on AWS**

#### Topic 12: Hands-on Projects

- **Hosting a Static Website on S3**
- **Register a domain & Setup a Hosting Zone via Route53 and Deliver Website Content through CloudFront**
- **Create a network file system on AWS**
- **Deploy an Oracle database with Multi-AZ deployment**
- **Migrate a GIT repository to AWS**
- **Migrate a MySQL Database to AWS Aurora Database**

# Learning Content

## **Week 8 Goal**

### **Explore & Build Real Cloud Projects on AWS**

#### Topic 13: Hands-on Projects

- **Setup AWS account, Create Users with AWS Identity Center**
- **Replicate S3 Object with batch Replication**
- **Database & EC2 backup using AWS Backup**
- **Deploy Docker containers on ECS**
- **Create a DevOps Pipeline**
- **Deploy a web application on EC2 using CDK**
- **Deploy a web app on Elastic Beanstalk**
- **Deploy application on kubernetes cluster**



# CloudEdge Bootcamp

The Path to  
**Success**  
Unleashing AWS Cloud

**ENROLL NOW**

Mastering AWS, Building  
Skills, and Achieving  
Extraordinary Results

<https://buildyourskillacademy.com/aws-cloud-course/>