

AWS Solution Architect

Build a portfolio, create a network,
and land your dream job.

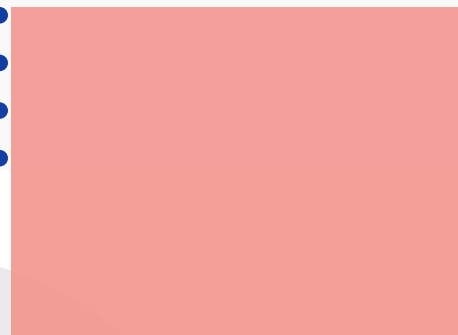


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Welcome



The Job Ready curriculum from Training Basket is a structured, self-paced online instruction that will give you with entry-level qualifications as a AWS cloud engineer in just four months. As a AWS cloud engineer, you'll have to assess applications, software and hardware. Develop, coordinate and administrate AWS infrastructure. Automate deployments, infrastructure as code. Have containerization, (Kubernetes, Docker) troubleshooting and support tasks. Our AWS trainers, created by industry specialists, they start from the ground up and provide you with a solid foundation in Compute & Storage. Then you'll learn about databases, analytics, networking, mobile, developer tools, management tools, IoT, security, and enterprise applications. This is a one-of-a-kind online learning environment.

Bootcamp-style program that prepares you for a high-paying career in tech

Each unit in the Training Basket curriculum teaches a core concept, skill, language component, or framework. You learn by viewing videos, and you may reinforce your skills by doing interactive programming quizzes and challenges. Mini-exercises will help you implement everything you've learned, and then you'll apply all you've learned in an individually graded, hard assignment with feedback. By completing all 5 projects in this training and passing the final exam, you will receive a Training Basket Certificate of Achievement and have the skills that will better prepare you for entry-level employment as a AWS Cloud Engineer.

Designed For Success

Online learning may be difficult, and we understand how difficult it can be to learn on your own. Thankfully, We've created AWARD-WINNING LMS to Learn through 24*7 interactive LMS with PPTs, Videos, Assignments, Case Studies & Quizzes along with a progress tracker with flexibility to match your needs your hectic way of life.



Key Benefits of this Job-ready Training

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Study at your own pace
- 

Live support and an online community
- 

Study and career guidance
- 

A professional and finished portfolio

Our Mission



Training Basket works to make education more inclusive and accessible so that individuals may accomplish their goals. We've taught over 50,000 individuals how to code and design since 2017, and our objective is to achieve long-term, systemic change in the IT industry. Competency-based learning is used in Training Basket training programs to reinforce what students have learned. We've reinvented the learning process and created a tried-and-true approach to help you get the skills and information you need to achieve your objectives. Stay on track with our points system, badges, and weekly activity journal, which has been scientifically proven to enhance motivation. You didn't merely view a video when you finished a course; you learned, practiced, and internalized an idea. Plus, at the end of each lesson, Training Basket walks you through an immersive project, so you'll have a portfolio of work ready to present as soon as you're through. Our Job-Ready programs are geared toward beginners

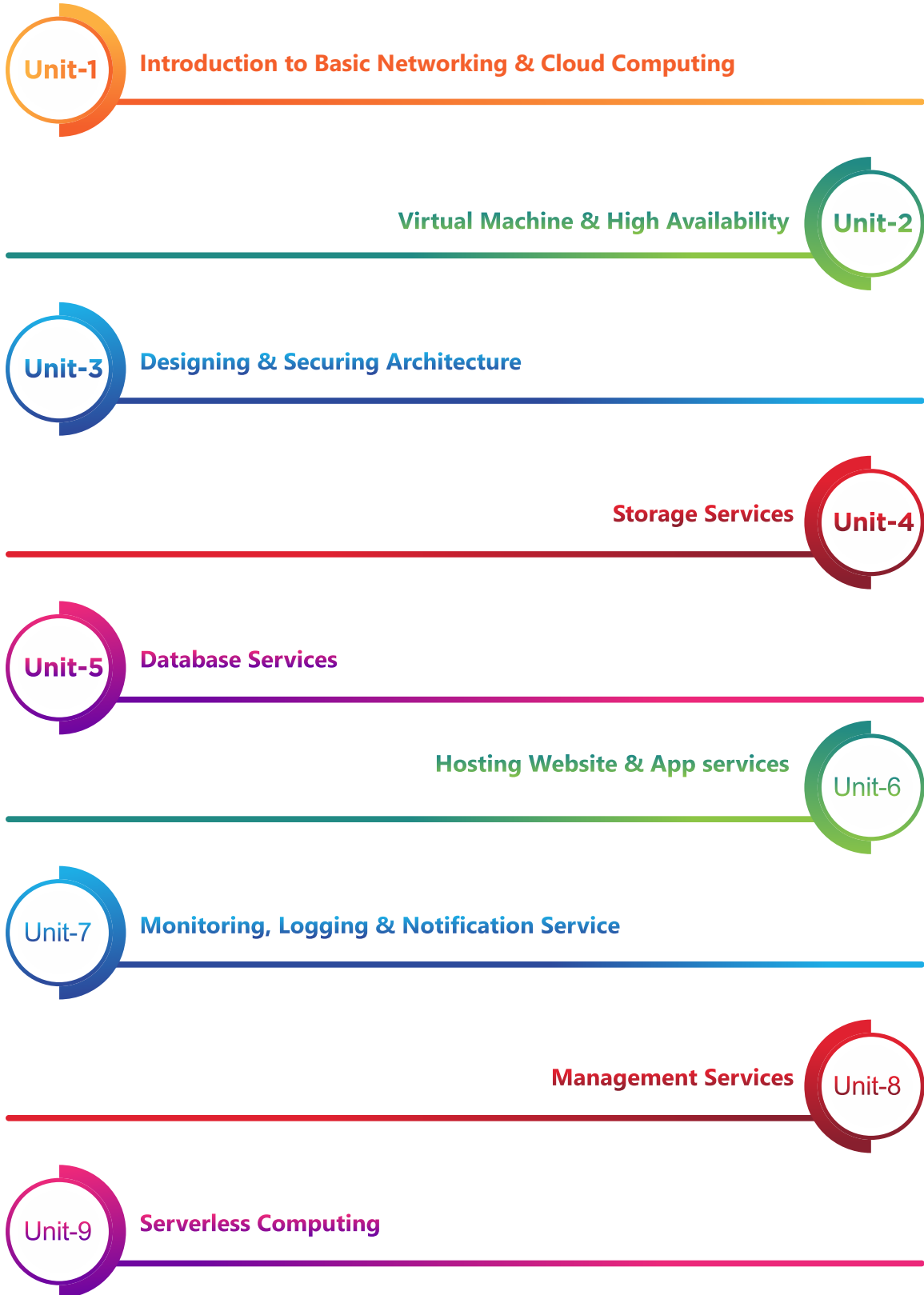
Training Basket's mission is to diversify the tech industry through online-learning

however, if you already have some experience but want to advance, Training Basket offers current and relevant skills to help you reach where you need to go. You'll additionally benefit from the Training Basket Slack, a thriving online community where you can ask questions and network with other students, regardless of your past experience level. You'll have weekly office hours, and Training Basket support professionals will be accessible for advice and encouragement.

We designed this program to be an accessible alternative to bootcamps

We concluded that in order to diversify the IT industry, we needed a curriculum that was fully beginner-friendly, didn't result in student debt and didn't demand any repayment. Many bootcamps cost huge amounts of money, or worse, force graduates to take a share of their salary when they obtain a job. At a fraction of the cost of bootcamps, Training Basket provides high-quality courses, comprehensive learning assistance, and professional expertise.

Units & Overview



Introduction to Basic Networking & Cloud Computing

Basic of Computer Networking

- Basic concept of network
- Brief Introduction of OSI Model & TCP/IP
- IP Addressing & Subnetting (V4)
- Brief Introduction of Ipv6
- Brief Introduction of network devices

Introduction to Cloud Computing

- Introduction to Cloud Computing
- Why Cloud Computing?
- Benefits of Cloud Computing
- Types of Cloud Computing
- Software as a Service
- Platform as a Service
- Infrastructure as a Service

Introduction to AWS

- Introduction to the AWS products
- Regions and Availability Zones
- Signing up for AWS
- AWS Free usage tier
- Introduction AWS management console

Unit-2

Virtual Machine & High Availability

Week 2-3

EC2 (Elastic Compute Cloud)

- Instances creation
- Understanding AMI
- Launching your first AWS instance
- On-demand Instance pricing
- Reserved Instance pricing
- Setting up security
- Security groups
- Choosing the AMI
- Creating a new AMI
- Deploying a new instance from the created AMI
- Key Pairs, Elastic IP's

EBS (Elastic Block Storage)

- Create EBS volumes
- Delete EBS volumes
- Attach and detach EBS volumes
- Mounting and unmounting EBS volume
- Creating and deleting snapshots
- Creating volumes from snapshots
- Backup & Restore EBS Disk

AMI

- Customize AMI Creation for production Requirement
- Use Windows & Linux AWS AMI for customize use

Auto Scaling & Load Balancing

- Create an Auto Scaling group
- Create a policy for your Auto Scaling group
- Set up an auto-scaled, load-balanced Amazon EC2 application Identity access management
- Create load balancer
- Manage Load balancer

Designing & Securing Architecture

Week 4-5

Amazon Virtual Private Cloud (VPC)

- What is VPC?
- VPC configuration
- VPC Peering between same Region
- VPC Peering Between Cross Region
- VPC Peering between Different AWS Account
- Nat Configuration
- Elastic IP's
- Inbound and outbound ACL's

Identity Access Management (IAM)

- Creating Users and Groups
- Applying AWS predefined policies
- Applying Aws inline policy
- Password Policy
- Roles base Policy configuration
- MFA

Cross Account Permission

Unit-4

Storage Services

 Week 6-7

Storage Service of AWS

- What is S3?
- Creating S3 Buckets
- S3 Bucket Replication
- S3 Uploading Downloading
- S3 Permissions
- S3 Object Versioning
- S3 Lifecycle Policies

EFS storage (only Linux instance)

- Creating EFS shared storage
- Mount with Linux instance with same region
- Mount with Linux instance between cross region
- Backup of EFS Storage and Restore

FSX Storage (New for windows instance only)

- What is Fsx storage
- Creating FSx storage for windows instance
- Creating directory Service for Fsx storage
- Mount with domain base windows instance.

Unit-5

Database Services

 Week 6-7

Relational Database Service (RDS)

- Understand the Database type
- Creating database
- Configuring the database

Non-Relational Database Service

Creating Table in DynamoDB

Uploading content to table

Unit-6

Hosting Website & App Services

Week 8

Route 53

- What is Route 53
- How to registered exiting Domain in it
- How to registered New Domain through Route 53
- How to Link Aws resource with Domain through Route 53
- How to configure Health Check in Route 53

Creating a cloud front distribution

- Hosting a website of cloud front distribution
- Elastic Beanstalk - Creating environment
- Troubleshooting using Cloud Trail

AWS Lightsail

- Use to create Application base Instance
- Create & Manage Web Server for dev/test environment

Unit-7

Monitoring, Logging & Notification Service

Week 8

Cloud Watch & Cloud Trail

- Cloud watch dashboard
- Configuring Monitoring services
- Configuring metric for monitoring
- Creating a cloud watch alarm
- Configuring Notifications
- Integrating cloud watch with Auto scaling
- What is Cloud Trail
- Create Cloud trail for event monitoring
- Manage Event History in cloud Trail

SNS, SES & Workmail

- What is SNS?
- Configuring SNS topic
- Setting up Email service

Unit-8

Management Services

 Week 9

AWS Organization

- Use to Centralize Manage Multiple AWS Account
- Create New AWS Account and Allocate to client with work flow Management

Unit-9

Serverless Computing

 Week 9

Lambda

Creating Function

How to automate task using Lambda

Cloud Formation

- Cloud Formation- What is, Deploying template
- Create Stack, Delete Stack, Provisioning application resources with Cloud Formation

Assessment

Our lecturers are working experts in the field of technology who give useful and constructive advice.



This Job-Ready curriculum incorporates project-based learning, which allows you to apply the skills you're learning by working on projects of increasing complexity. Each project you create will be evaluated separately using a thorough grading criteria that is specific to that assignment. Aside from an overall grade of Exceeds, You will receive individualised written feedback on your project in the form of Expectations, Meets Expectations, or Needs Work. Don't panic if your project is labelled as Needs Work.

You'll have the chance to fix the problems and resubmit the project for further assessment. As you go through the course, you will show your developing skill set by completing quizzes and coding tasks, culminating in a Final Exam. The Final Exam is your opportunity to demonstrate what you've learned during this Training. You must correctly answer at least 70% of the questions on the Final Exam in order to succeed. If you don't meet that standard, you can study and repeat the exam the next day.

Statistics on a Career

You'll be ready to start your new job in the tech business after you have your Certificate! As an entry-level AWS Cloud Engineer, these are some of the options available to you.

Day to Day Tasks as a AWS Cloud Engineer

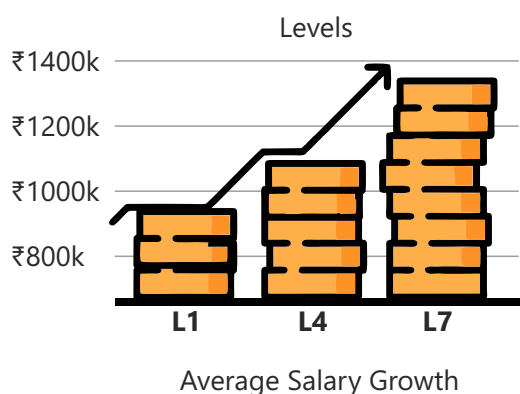
- Helping organizations migrate their computer systems to the cloud.
- Configuring cloud infrastructure components like networking and security services.
- Creating the applications and databases that perform on the cloud.
- Monitoring cloud management and data storage services.

₹6,00,000

According to Glassdoor.com, the typical base income in INDIA

A typical entry-level AWS Cloud Engineer job pays ₹70,000 higher per year than the National Average Wage Index.

With new technologies being invented every day, the IT sector has been rising year after year and shows no signs of slowing down.



Testimonials

My whole experience with the Training Basket was fantastic. Every student is treated with respect by the instructor and staff. The Training Basket is the perfect destination to gain the necessary technical skills. I'd like to express my gratitude to the support staff for their assistance.

- Vishal Vidhuri

Training Basket is a fantastic resource for IT students. Management with a high level of education, perfect counselors, and experienced trainers. The Training Basket provided me with all of the actual knowledge. Thank you to everyone who has assisted me in obtaining the greatest job assistance.

- Mukul Saini

Training Basket presents complete course material where we get real-time examples and detailed descriptions. Classroom material is also available on LMS and we can refer to the recording whenever we want. So, in the end, I would like to say that the Training Basket is the right place to get the complete IT training course.

- Sarvesh

Partnerships

We collaborate with a number of IT businesses to guarantee that our students receive the most up-to-date and relevant education possible.



Companies With Which We Collaborate

