

Ignite the Flame of Education

Amazon Web Services (AWS) Masterclass program

Engage in Amazon Web Services Mastery

**Duration: 3 Months | Mode: Online | Level: Beginner to Advanced
Powered by [CodeEmy!](#)**

 **REGISTER NOW**



Scope of **Amazon Web Services**



50,000–60,000
jobs by 2025



\$13 billion
industry in India by 2026

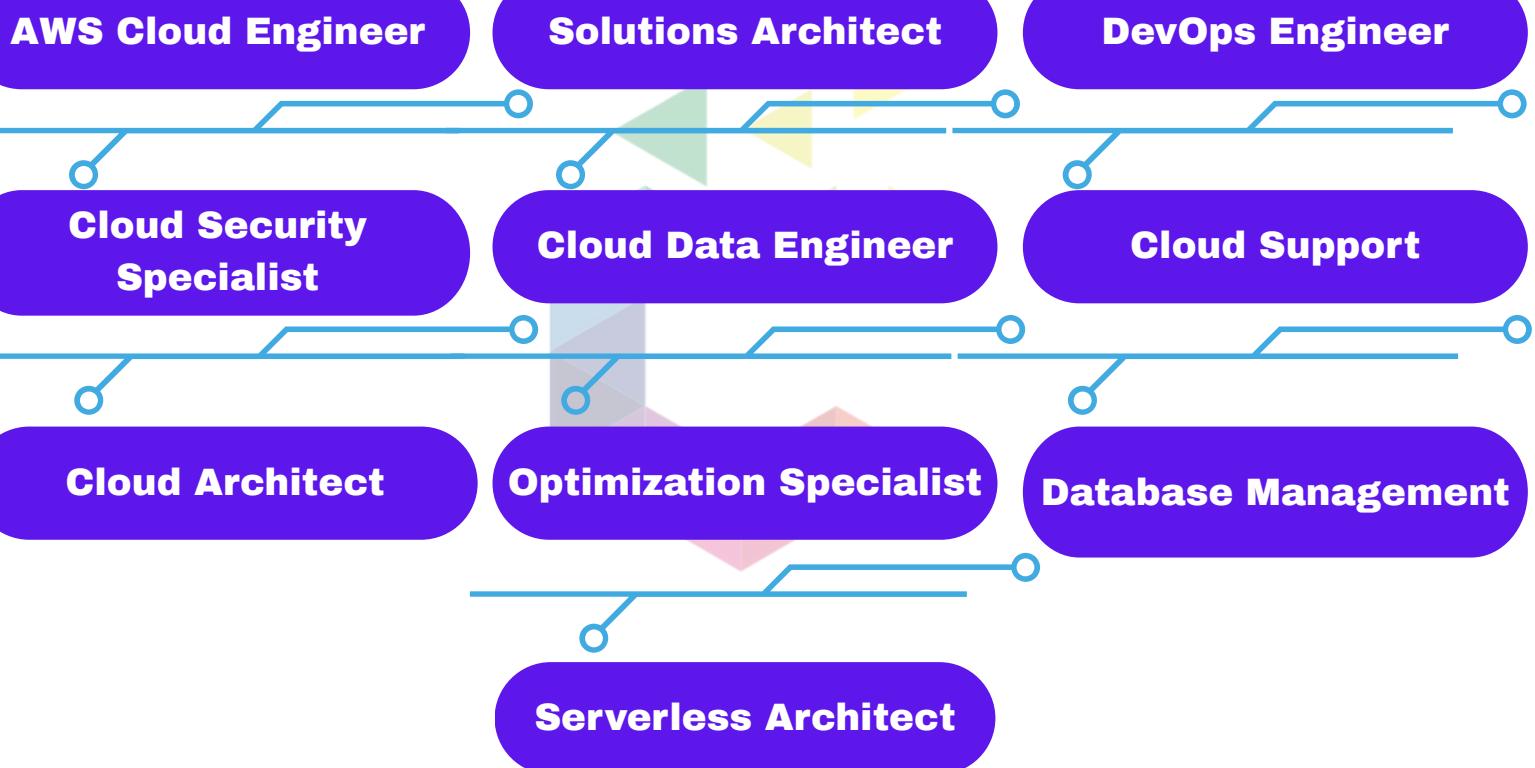


56,600+
job openings listed currently



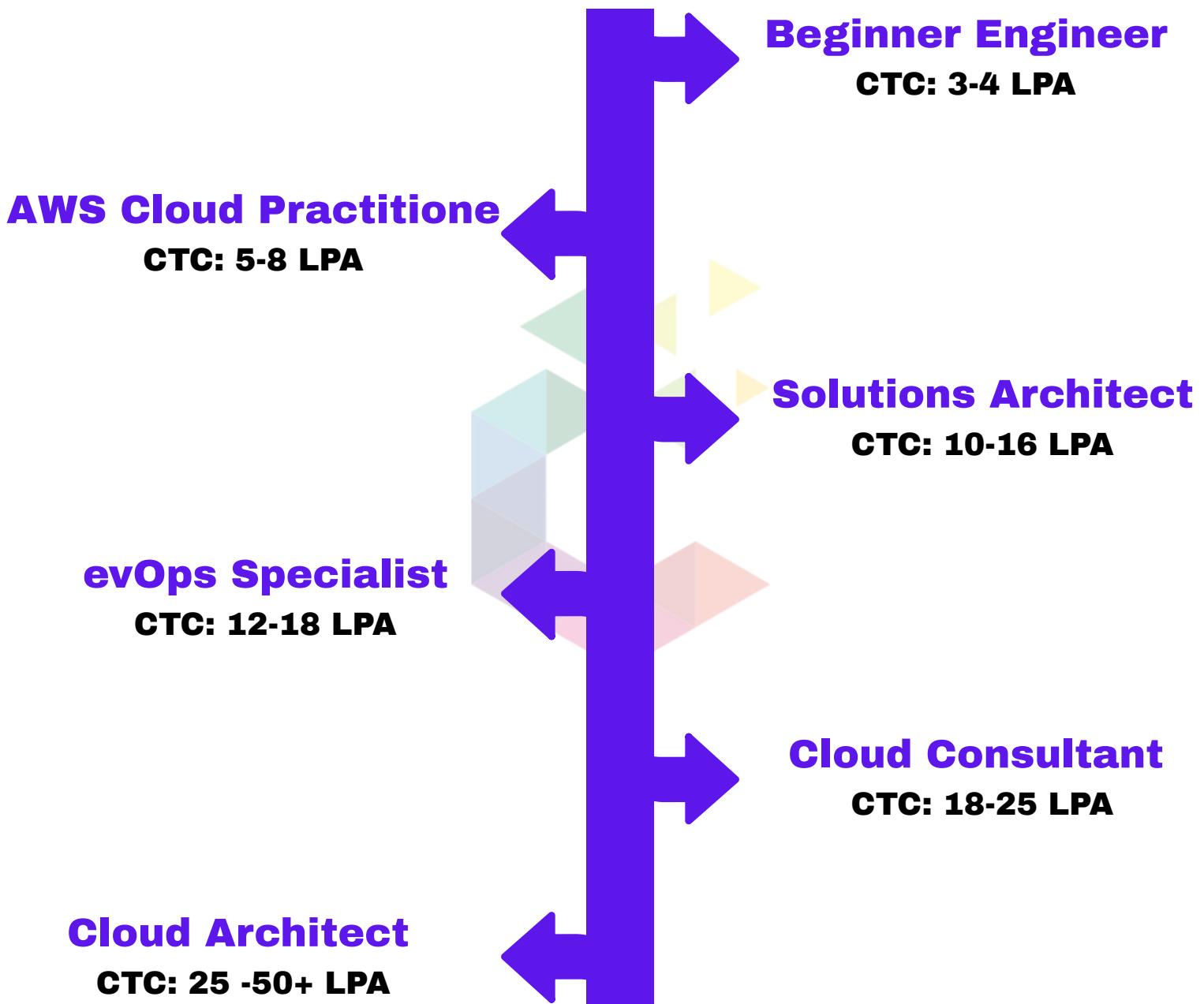
75% CFOs
are set to spend more on
AutoCAD & CATIA

Here is all the **Career Fields** you can excel at



CAREERS

Here is how your **Career Trajectory** will look like



Why **CodeEmy** is Unique ?

Category	CodeEmy	UpGrad	SimpliLearn	Edureka	IIDE
Live Classes	✓	✓	✓	✓	✓
Placement Assistance	✓	✓	✗	✗	✓
Interview Training	✓	✓	✗	✗	✓
LinkedIn Profile & Resume Building	✓	✗	✗	✗	✗
Earn While your Learn	✓	✗	✗	✗	✗
Freelancing	✓	✗	✗	✗	✗
Campus Leader board across the college	✓	✓	✓	✗	✗
Lifetime Access to content	✓	✗	✗	✓	✓
Offline Project Fest (Every 3 Month once)	✓	✗	✗	✗	✗
Course Duration	3 - 4 Months	7-11 Months	5 Months	5 Weeks	4-5 Months
Price	₹15,000	₹ 1,05,000	₹ 1,00,000	₹ 20,000	₹ 72,000

△ **Disclaimer:**

The names of other companies mentioned here are used solely for comparison purposes to highlight the unique features of our offerings. We do not intend to misuse, defame, or misrepresent any organization in any way. There is no affiliation or endorsement implied. Our intent is purely informational and respectful.

UNIQUENESS

Week 1

- What is Cloud Computing?
- Cloud Service Models: IaaS, PaaS, SaaS
- AWS Global Infrastructure & Services Overview
- Setting Up AWS Free Tier Account
- **Project:** Launch Your First EC2 Instance

Week 2

- EC2 (Elastic Compute Cloud) – Instances & AMIs
- EBS (Elastic Block Store) – Volumes & Snapshots
- Auto Scaling & Load Balancer Basics
- **Project:** Create and Configure EC2 with Auto Scaling

Week 3

- S3 (Simple Storage Service) – Buckets & Policies
- Glacier for Archival Storage
- Storage Classes & Lifecycle Policies
- **Project:** Host a Static Website on S3

Week 4

- VPC (Virtual Private Cloud) – Subnets, Routing, NAT
- Security Groups & NACLs
- Elastic IP & Route 53 for DNS Management
- IAM (Identity & Access Management) Basics
- Mini Project: Configure a Secure VPC with Public & Private Subnets



Week 5

- RDS (Relational Database Service) – MySQL/PostgreSQL
- DynamoDB (NoSQL Database)
- CloudWatch for Monitoring
- **Project:** Deploy RDS Database and Connect with EC2

Week 6

- AWS Lambda (Serverless Compute)
- API Gateway
- SQS (Simple Queue Service) & SNS (Simple Notification Service)
- **Project:** Build a Serverless Application using Lambda + API Gateway

Week 7

- CloudFormation (Infrastructure as Code)
- Elastic Beanstalk
- Introduction to CI/CD with CodePipeline
- **Project:** Deploy an Application with Elastic Beanstalk

Week 8

Major Project Ideas:

- Multi-Tier Web Application Deployment
- Secure VPC with EC2, RDS & Load Balancer
- Serverless Application using Lambda & DynamoDB
- AWS Certification (Cloud Practitioner & Solutions Architect) Tips
- Resume & Interview Prep



/// Hands - On Projects

Mini Projects (Beginner to Intermediate Level)

1. Launch and Configure EC2 Instance

- **Skills Used:** EC2, EBS, Security Groups
- **Goal:** Deploy a Linux instance, attach storage, and configure SSH access.

2. Host a Static Website on S3

- **Skills Used:** S3, IAM Policies, Static Website Hosting
- **Goal:** Upload an HTML/CSS website to an S3 bucket and make it publicly accessible.

3. Create a Secure VPC

- **Skills Used:** VPC, Subnets, Internet Gateway, Route Tables
- **Goal:** Build a custom VPC with public and private subnets and connect it to EC2.

Major Projects (Advanced Level)

1. Multi-Tier Web Application Deployment

- **Skills Used:** EC2, RDS, Load Balancer, Auto Scaling, Security Groups
- **Goal:** Deploy a 3-tier architecture (Web, App, Database) on AWS for a scalable website.

2. Serverless Application with AWS Lambda

- **Skills Used:** Lambda, API Gateway, DynamoDB, S3
- **Goal:** Build a serverless backend for an application that processes user data and stores it in DynamoDB.

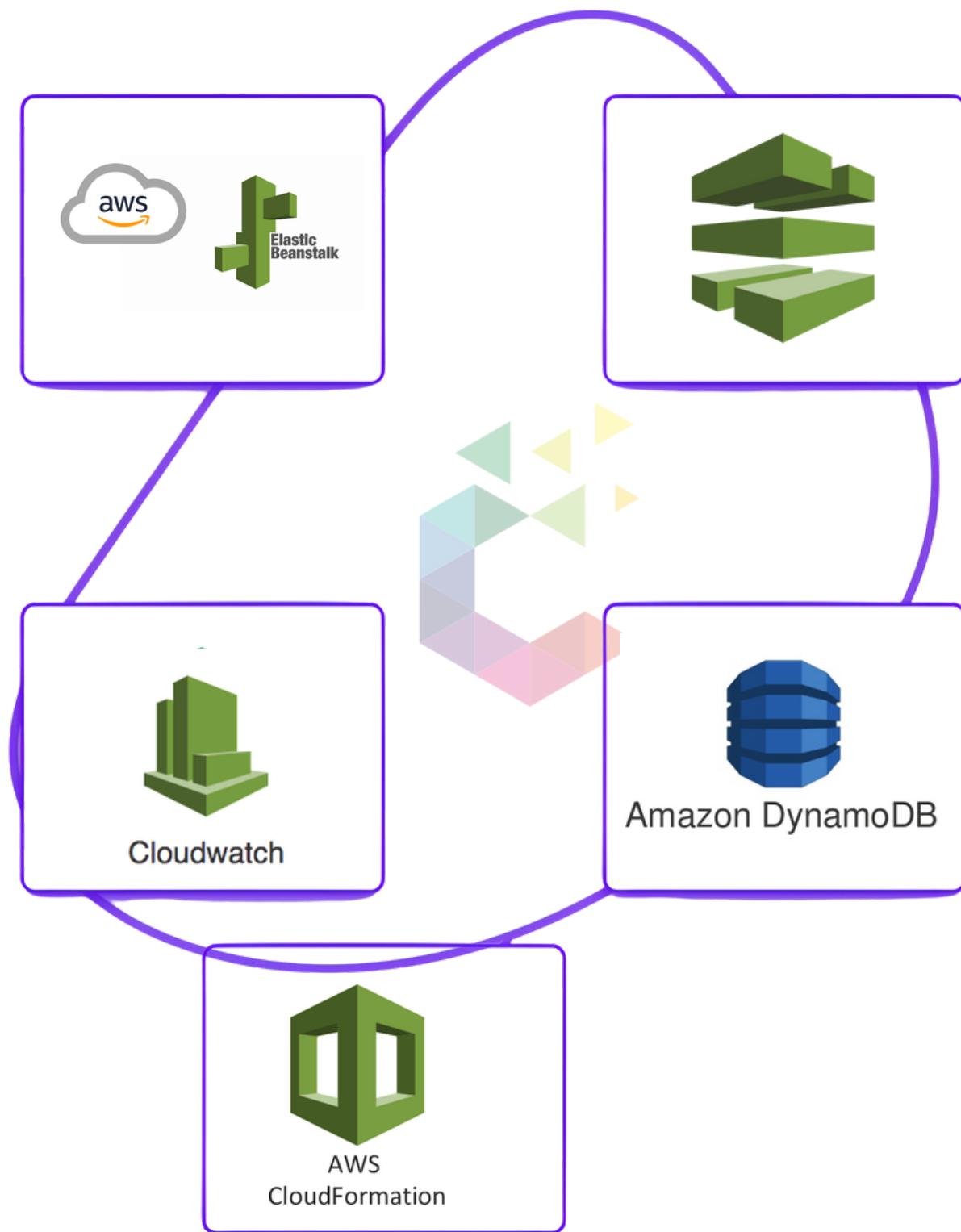
3. CI/CD Pipeline with AWS CodePipeline

- **Skills Used:** CodePipeline, CodeBuild, Elastic Beanstalk, IAM
- **Goal:** Automate application deployment using a continuous integration/continuous deployment pipeline.



Tools

You will learn



Showcase

your learning journey

Certificate of Completion from CODEEMY



Certificate of Internship from CODEEMY



Approved by:



अखिल भारतीय तकनीकी शिक्षा परिषद्
All India Council for Technical Education



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