Masters in AWS

| **12+**	**6+**	**2**
MODULES	LIVE PROJECTS	CASE STUDIES

About Digital Lync

Digital Lync is one of the most trusted platforms for skilling and upskilling students in Hyderabad. Over the past 3 years, we have upended the technical education system by emphasizing on disruptive technologies and successfully trained over 10,000+ students. We proudly offer masters-level training for students in three core regions - Digital Marketing, PI stack, and Full Stack.

We also provide training in individual courses like - Python, DevOps, Full Stack, Big Data, Data Science, IoT, Digital Marketing, Graphic Design, UI/UX Design, Game Development, AWS, Azure, Angular, ReactJS, NodeJS, PowerBI, and Tableau.

We are committed to making students learn for life and not just exams.

Career Guidance   Choose Course   Placement Assistance
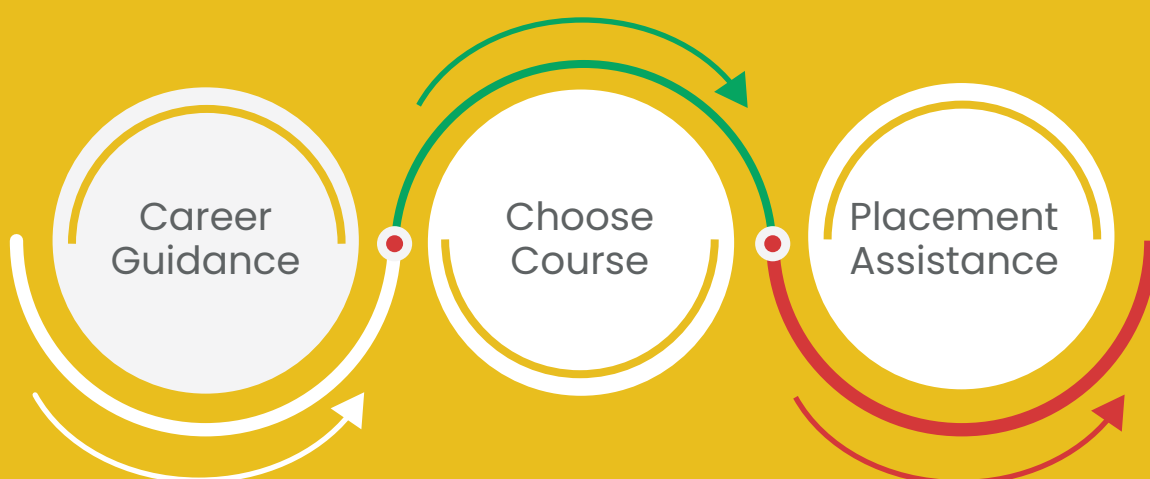
Why Digital Lync

We at Digital Lync, focus on creating experiences and not just imparting knowledge. We offer courses in a plethora of subjects ranging from digital marketing, cloud computing, machine learning and many more. Each course is taught by experts with years of industry experience and immense passion for their respective fields. We teach students in a classroom environment to ensure more interaction and engagement.

Our main goal is to make students industry-ready, highly-skilled and empowered. Our facilities and infrastructure provide students with a nurturing environment that helps them learn and grow.

1500+
Students Enrolled

4.6 ★★★★⯪ (1247)
Ratings

100+
Batches

About Digital Lync CEO

Our CEO Mr. Manikanta Kona has a burning desire to help empower people and make them realize their potential. He gave up a successful career in the US to pursue the path of entrepreneurship. He has a Master's degree from Purdue University and his knowledge is backed by years of industry experience. He has mastered the art of empowering people through education and lives his passion every day. He believes that education goes beyond classrooms and certifications and focuses solely on developing the skills needed in the workforce.

Mani Kanta
CEO

Events at Digital Lync

Data Science Event

Digital Lync conducted an event on "The importance of Data Science Technology in the IT Industry and the Job Opportunities on Data Science. Catch a glimpse of this industry interaction session by
Mr. Praveen Gurrapu, Data Scientist.

Event on what companies expect from Freshers

Digital Lync conducted an event highlighting the importance of what companies expect from Freshers.Catch a glimpse of this meet initiated by
Mr. Narsimha Reddy- CEO PublicVibe

150+
Industry Partners

DigitalLync Students are
Successfully Placed

DON'T WORRY
YOU ARE AT RIGHT PLACE

PROGRAM
CURRICULUM

1. **AWS Overview**

Fundamentals of Cloud
Fundamentals of Virtualization
Cloud Service Offerings
Cloud Deployment Models
History and Evolution of AWS
Overview of AWS Products and Services
Walk through of AWS Free Tier Account
AWS Global Infrastructure
AWS Terminologies

2. **Identity and Access Management (IAM)**

Account & Services Layer
IAM Overview
IAM Policies
IAM Users
IAM Groups
IAM Roles
IAM Best Practices
Hands On
Creating an IAM Policy
Creating an IAM User
Creating an IAM Group
Creating an IAM Role

3. **Amazon Virtual Private Cloud (VPC)**

Networking Layer
Traditional Network Components
Amazon VPC Overview

VPC Features

Default VPC vs Custom VPC

VPC Routing Basics

Gateways

Subnets

Route Tables

NACL's

Security Groups

VPC Best Practices

Hands On

Creating a custom VPC

Creating an Elastic IP Address

Creating Subnets

Creating Internet Gateways

Creating Route Tables

Creating a Security Group

Network ACL Overview

4. Elastic Cloud Compute- EC2

Virtualization basics

Amazon EC2 Overview

Amazon Machine Images (AMI)

EC2 Instance Types

EC2 Purchase Options

Userdata & Metadata

Amazon Elastic Block Store (EBS)

EBS Snapshots

Placement Groups

EFS

EC2 Best Practices

Hands On

Launch and connect to an EC2 Linux instance

Launch and connect to an EC2 Windows instance

Attaching EBS Volumes

EBS Snapshots

Create an AMI

Copy AMI & Snapshots to other regions

Userdata & Metadata

EFS

5. High Availability

High Available VPC Design

Introduction to Load Balancing

Generic Load Balancer - NGINX

Classic Load Balancer

Network Load Balancer

Application Load Balancer

Hands on

Implementing Generic Load Balancer - NGINX

Implementing Classic Load Balancer

Implementing Network Load Balancer

Implementing Application Load Balancer

6. Fault Tolerance

Introduction to Fault Tolerance

Launch Configuration

Auto Scaling Group

Hands on

Auto Scaling

Attach Load Balancer to Auto Scaling

LIVE
PROJECTS

Designing Highly Available and Secured Virtual Private Cloud

Server Management on AWS

Designing High Availability For Applications

Designing Fault Tolerance For Applications

Designing a Highly Available, Fault Tolerant, Secured and Scalable Static Applications on AWS

Designing a Highly Available, Fault Tolerant, Secured and Scalable Dynamic Applications on AWS

CASE
STUDIES

Capital One - DevOps Teams Move Faster Than Ever

"By using AWS, we've cut the time needed to build new application infrastructure by more than 99 percent," says Andrukonis. "With the virtually instantaneous infrastructure available on AWS, our DevOps teams have the building blocks they need to start developing any new product as soon as they understand the intent behind it."

Netflix - On-Demand Infrastructure on Cloud

Netflix is showcased as the DevOps dream. And there is no lack of examples demonstrating how their environment fires on all cylinders (and all the cool things they are doing).

DIGITAL Lync

LOCATIONS

INDIA

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