



Masters in Devops

14+
MODULES

6+
LIVE PROJECTS

2
CASE STUDIES

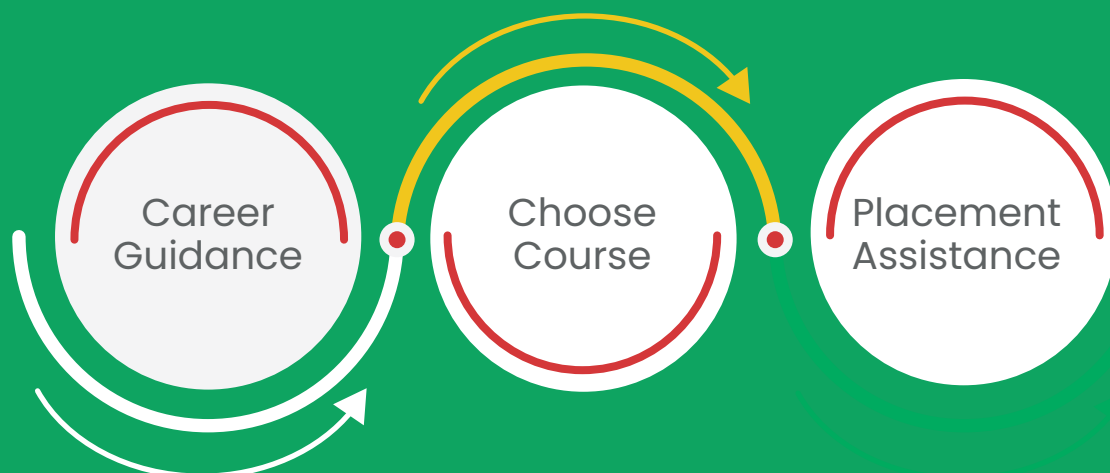


About Digital Lync

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.



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.



3000+

Students Enrolled

4.4 ★★★★★

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



Digital Lync Students are Successfully Placed



CAREER GROWTH PARTNER FOR 10000+ ASPIRANTS

**DON'T WORRY
YOU ARE
AT RIGHT
PLACE**

PROGRAM CURRICULUM

1. Introduction to DevOps

SDLC Models
Waterfall vs Agile vs DevOps
DevOps Practices

2. Cloud Computing for DevOps

Introduction to Cloud Computing
Advantages of Cloud Computing
AWS
Google Cloud

3. Linux Essentials

Introduction to Linux OS
File & Directory Management
Vi Text Editor
Utility Commands
Archives
User Group Management
File Permissions
Package & Service Management
Misc Commands

4. LAMP - Intro to Stack

Introduction to LAMP
Apache Web Server
Web Application Hosting
VirtualHosts

MySQL DB Setup

Nginx Load Balancing

Content Management System - Wordpress

5. **GIT -Version Control System**

Introduction to Version Control System

Centralized Version Control System

Distributed Version Control System

Introduction to Git

Git Workflow

Branching

Git Ignore

Stashing Changes

Detached Head

Undoing changes

Source Code Repositories

Github Remote

Tagging

6. **Build Management with Maven**

Introduction to Build Management

Build Tools History

Ant

Building Projects using Ant

Introduction to Maven

Maven Objectives

Maven Central

Maven Build Lifecycle

Maven Projects Setup

Building Projects using Maven

7. **SonarQube for Code Analysis**

- Introduction to SonarQube Setup
- Analyzing Source Code
- Integration with Maven

8. **NEXUS Repository Management**

- Introduction to Binary Repositories
- Nexus Setup
- Creating Repositories
- Pushing build artifacts to Nexus

9. **Jenkins - Continuous Integration & Delivery**

- Introduction to Continuous Integration & Delivery
- Overview of Jenkins
- Jenkins Setup
- Plugins and its uses
- Setting up your Build Jobs
- Jenkins security
- Automated Builds using webhooks
- Code Quality Integration
- Integrating Nexus
- Distributed Builds / Master-Slave Configuration
- Performing Continuous Delivery
- Implementing Pipelines

10. **DOCKER -Containerization**

- Introduction to Containerization
- Monolithic vs Microservices Architecture
- Virtualization vs Containerization
- Docker Architecture

Docker Setup

Docker Registry, Image & Container

Managing Containers Life Cycle

Data Persistency & Docker Volumes

Networking with docker

Working with Docker images

Setting up three tier Application using docker

Building Custom Images

11.

CHEF -Configuration Management

Introduction to Configuration Management

Configuration Management Advantages

Push Based vs Pull Based

Infrastructure As Code

Chef Architecture

Chef Server Setup

Chef Workstation Setup

Chef Distribution Kit

Chef Resources

Chef Cookbooks

Chef Attributes

Chef Roles

Chef Environments

Chef Supermarket

Chef Data bags

12.

Ansible - Configuration Management & IAAC

Introduction to Ansible

Ansible vs. Other Tools

Introduction to YAML

Ansible Setup

Ansible Inventories

Ansible Ad-hoc Commands

- Ansible Modules
- Ansible Playbooks
- Ansible Templates
- Ansible Facts & Variables
- Ansible Roles
- Ansible Vault

13. Kubernetes - Container Orchestration

- Kubernetes Introduction
- Kubernetes Architecture
- Kubernetes Setup
- Pods, Services, Replication Controllers & Labels
- Networking, Load Balancers
- Updates, Auto scaling
- Deployments, Jobs
- Storage & Running Stateful Applications
- Monitoring & Logging

14. Nagios For Monitoring

- Introduction to Monitoring
- Nagios Core
- NRPE
- Nagios Plugins

LIVE PROJECTS



HR Analytics for Attrition
Prediction using Logistic
Regression



Predicting Housing prices
using Regression



Retail Customer segmentation
based on spending patterns



Stock market price prediction



Exploratory Data analysis of
Crime records in Boston



Market Basket Analysis using
Apriori Algorithm

CASE STUDIES

The Verizon logo, consisting of the word 'verizon' in a bold, black, sans-serif font, followed by a red checkmark.

Lenovo India

Lenovo India's BI Analytics & Visualization team created an interactive and flexible Tableau sales dashboard for departments to use it for ad-hoc analysis and reporting.

Lufthansa

Tableau has made Lufthansa free from the bounds of IT department and made it independent in its functioning.





LOCATIONS

INDIA



Gachibowli

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