Digital Lync

JOB READY PROGRAM

Get Your Offer Letter within 24 weeks

INTERNSHIP
2 Months

100%
Placment Assurance

2000+
Students Placed

#GetJobReady2020

www.digital-lync.com

+918688444666

WHAT IS JOB READY PROGRAM?

A Customized Training program which explores the most relevant technologies and techniques providing robust coverage of the skills you need to get to your goal.Each course is tailored and aimed at the level of the students concerned;we cater for the complete spectrum of personnel. We are focused on helping you unlock your true potential and more.

WHO IS THIS PROGRAM FOR?

Fresh Graduates

Job Ready Program is a complete in-depth program for any final year and pass out students of B.sc/Btech/Mtech/MCA who are looking for assured job placements and be part of best companies around.

HOW IT WORKS

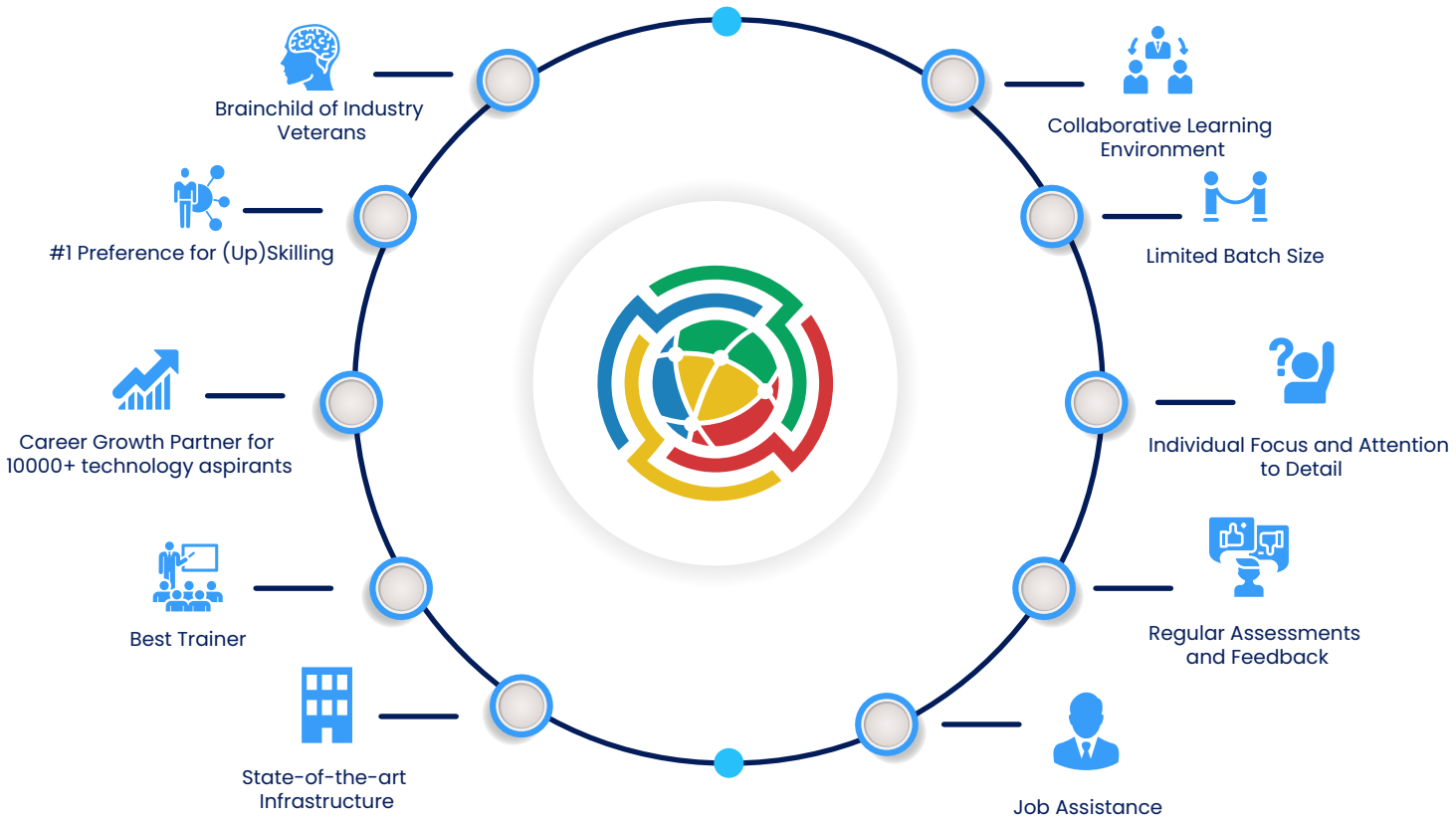
WHY DIGITAL LYNC?

Digital Lync commenced its journey in 2016 as an advanced technology hub and endeavors to identify the quest for learning within individuals to broaden the horizon of knowledge in the colossal technical arena. Digital Lync's mission is to empower the technology aspirants with current trends in digital and technical genre with suitable training for a continued competency. The training focuses not only to get the first job but to retain the job.

2000+
Students Enrolled

4.6 ★★★★½ (1247)
Ratings

100+
Batches



Industry Partners

CricClubs
publicvibe
FLIPSIDE
THRYMR SOFTWARE
TECHNOFLAIR
ZettaMine TECHNOLOGIES Beyond Intelligence
Lalsa
IBOT
SHOOT ORDER
PerkinElmer
PROCESSWEAVER
Foyr

DigitalLync Students are **Successfully Placed**




CAREER GROWTH PARTNER FOR 10000+ ASPIRANTS

FRONT END ENGINEER PROGRAM

About the Program

A Customized Training program which explores the most relevant technologies and techniques providing robust coverage of the skills you need to get to your dream job. This program includes cutting-edge technologies used by fortune 500 companies. This program teaches the critical skills required to design, develop, test and deploy dynamically scalable and reliable applications on the cloud. This course will give you the knowledge, skills and experience you will need to work on real time applications.

Objectives of the Program

- Get placed within 24 weeks.
- To develop real-time web applications such as E-Commerce, OTT Platforms.
- Get Placed in one of the growing companies within 24 Weeks.
- In-depth real time experience on Data Structures and Algorithms, Software Development Essentials, HTML5,CSS3, JS, TS, Angular.
- Ability to understand the real time issues and provide best technology solutions.

Program Features

- Get your offer letter within 24 Weeks of the program.
- Global Instructors with Industry Experience.
- Realtime case studies for every module.
- 24 * 7 Technical Mentor Assistance.
- 2 Month live Internship with fastest growing companies.
- Instructor led classroom training for 300 hours with online guided practice for 140 hours.
- Design, Develop, Test and Deploy applications on cloud.

PROGRAM CURRICULUM

Week Days

Mon-Thu

Week 1
Operating System

Week 1-6
Java Programing Language

Week 6-11
Front End Programming

Case Studies
ECommerce and OTT Platform

Paid Internship
2 Months

You will Be working as an Intern in one of our Partner Companies for 2 Months with stipend of ₹5000/Per Month.

Get Your Dream Job

Our Placement Manager will help you make your resume. Prepare you for interview to get you dream job.

Week Ends

Sat-Sun

Week 1-7
Data Structures & Algorithms

Week 7
Software Engineering Essentials

Internship & Placement Partners

CricClubs publicvibe FLIPSIDE IBOT

Operating System (Week -1)

Objectives:

- To understand how different operating systems (Windows and Linux) work.
- Get Familiarity with the core concepts of Operating System.
- To understand memory management, security and efficiency.
- Develop OS Friendly applications
- Identifying the symptoms to potential problems you may encounter and learn how to fix them.

Topics:

1. Getting Started with Windows.
2. Understanding core components of an OS.
3. How OS work.
4. Memory Management.
5. Memory Optimization.
6. Processors,Registers and RAM.
7. File and File Systems
8. Instructions and Programs.
9. Process and Process Management
10. Threads and Concurrency
11. Interprocess Communication.
12. I/O Management
13. Introduction to Linux OS
14. File & Directory Management
15. Vi Text Editor
16. Utility Commands

17. Archives
18. User Group Management
19. File Permissions
20. Package & Service Management
21. Misc Commands

Outcome:

- Deep Understanding of different concepts of Operating Systems to develop OS Friendly Web Applications.

Java Programming (Week 1- 6)

Objectives:

- Understand the different core concepts of Java Programming
- Write Core java code confidently. You can develop desktop applications.
- Implement Data Structures and Algorithms efficiently using Java.
- Mastering Object Oriented Programming using Java.
- Obtain a solid understanding of what debugging and refactoring is and how to do it.
- Understand different types of Design Patterns for robust language.

Topics:

1. Getting Started with Java
2. History, Features and Importance of Java.
3. Environment Setup
4. Identifiers and keywords
5. Compilation, Execution of Java Apps.
6. Variables
7. Operators
8. Control Statements

9. Methods
10. Blocks and Constructor
11. Arrays
12. Strings, Stringbuffer and StringBuilder
13. Object Oriented Programming
14. Inheritance
15. Polymorphism
16. Abstraction
17. Encapsulation
18. Abstraction
19. Packages
20. Regular Expressions
21. Wrapper Classes
22. Inner Classes
23. Type Casting
24. Collection Framework
25. Generics
26. Multi Threading
27. Exception Handling
28. IO Streams
29. Java Virtual Machine
30. Garbage Collection
31. Networking
32. Java 7 Features
33. Java 8 Features
34. Java 9 Features
35. Java 10 Features
36. Design Patterns

Outcome:

- Master of Java Programming Language.
- Use different Design Patterns efficiently based on the different requirements.
- Have the skills and understanding of Core Java to confidently apply for Java programming jobs.

Data Structures And Algorithms (Weekend 1 to 7)

Objectives:

- Learn everything you need to ace difficult coding interviews
- Master dozens of popular algorithms, including 6 sorting algorithms!
- Implement 10+ data structures from scratch
- Improve your problem solving skills and become a stronger developer

Topics:

1. Introduction to Data Structure & Algorithms
2. Linear and Non Linear DS
3. Recursion
4. Algorithm Run Time Analysis
5. Array
6. Linked List
7. Stack
8. Queue
9. Graph
10. Trees
11. Binary Tree
12. Binary Search Tree (BST)

13. AVL Tree
14. Binary Heap
15. Trie
16. Hashing
17. Sorting and Searching
18. Greedy Algorithm
19. Divide & Conquer
20.Dynamic Programming

Outcome:

- Gain Confidence for Coding Interviews.
- Learn The Most Practical and Popular Data Structures & Algorithms in-depth rather than a rushed course on Computer Science
- Get practice translating sudo code & implementing algorithms with Assignments and Solutions
- Get an intuitive understanding of how many of the popular algorithms and data structures behave

Software Engineering Essentials. (Weekend -7)

Objectives:

- To understand software process models such as waterfall and evolutionary models.
- To understand software requirements and SRS documents.
- To Implement different software architectural styles.
- Deep dive into software testing approaches such as unit testing and integration testing.
- Implementing Quality control and ensuring good quality software.

Topics:

1. Software Development Life Cycle
2. Software Development Processes, Models and Methodologies
3. Waterfall , RAD, Iterative, Spiral , V-Shaped SDLC Models
4. Software Design- Unified Modelling Language
5. Agile Software Development
6. How to build a quality software
7. Importance of software testing
8. Software Requirements and BRD Documents

Outcome:

- Attain best software practices and apply in real-time applications.
- Ability to choose application development models based on the application requirement.
- Ability to identify the minimum requirements for the development of application.
- Ability to develop, maintain, efficient, reliable and cost effective software solutions.
- Ability to critically think and evaluate assumptions and arguments.

Web Technologies (Week 6- 11)
HTML5

Objectives:

- To create full fledged HTML5 websites.
- Implement features like Drag and Drop, Geo location and Web Storage to create immersible end user experience.
- Learn the best way of using HTML tags and build with the most common ones.
- Required Skills & Knowledge To Quickly Build & Edit Web Pages

Topics:

1. HTML Tags
2. HTML Attributes
3. HTML Editors
4. HTML Document Structure
5. HTML Headings
6. HTML Paragraphs
7. HTML Styles
8. HTML Comments
9. HTML Blocks, Classes, Ids
10. HTML Tables
11. HTML Lists
12. HTML Images
13. HTML Forms
14. HTML File Paths
15. WebStorage
16. Application Cache
17. GeoLocation
18. Drag and Drop
19. WebWorkers
20. Canvas
21. SVG
22. GoogleMaps API

Outcome:

- Master the advanced techniques of HTML5 Features in building real-time web apps.
- Build any website using HTML5.

CSS

Objectives:

- Real-world skills to build real-world websites: professional, beautiful and truly responsive websites
- A huge project that will teach you everything you need to know to get started with HTML5 and CSS3
- Set up the correct file structure, edit text and colors, and create attractive layouts.
- Customize the appearance of your web pages to suit your every need.

Topics:

1. Introduction to CSS
    - CSS Selectors
    - Inserting CSS into HTML(Inline, Internal,External)
    - Colors, Borders, Background, margins, padding.
2. Working with core concepts of CSS
    - Box/Model,Outline,Fonts,Links,Lists,Tables,Combinations
3. Working with CSS3
    - Rounded Corners
    - Border Images
    - Backgrounds
    - Gradients
    - Shadows
    - Text Effects
    - Web Fonts
    - 2D, 3D Transformations
    - Transitions
    - Animations

Outcome:

- Master the advanced techniques of CSS3 Features in Design and layout of any real-time applications
- Build any design using CSS3.

Javascript

Objectives:

- A true understanding of how JavaScript works behind the scenes.
- JavaScript and programming fundamentals: variables, boolean logic, if/else, loops, functions, arrays, etc.
- Complex features like the 'this' keyword, function constructors, prototypal inheritance, first-class functions, closures
- Organize and structure your code using JavaScript patterns like modules.
- Hands on Experience on real-time case studies.
- Asynchronous JavaScript: The event loop, promises, async/await, AJAX and APIs

Topics:

1. Introduction to Javascript
    - Scripting Languages and their usage
    - Getting Started with JavaScript.
    - History of JavaScript
    - Variables
    - Data types
    - Real time examples
2. Operators and control statements.
    - Types of Operators and their usage.
    - If statement
    - If else statement

If else if statement

Real time examples

while loop

do-while loop

for loop

keywords used in control statements like return,break.

Real time examples

3. Working with Arrays

Creating an Array.

Accessing,Looping Over,removing elements.

Array methods in detail.

Real time examples

4.Working with Numbers and Dates

Numbers and its methods.

Date and its methods.

Real time examples

5.Working with Strings

Strings and its methods.

Real time example

6.Working with Objects

Objects and properties.

Creating new objects.

Creating objects using create function.

this keyword.

Real time examples

7.Working with Scopes and Events

Types of Scopes in detail.

Different types of events with real time examples.

Working with Validations

Basic Validations

Advanced Validations

Real time examples

8.Working with Error Handling and Debugging

Intro to Error Handling

try,catch,finally, throw, Error Object.

Different types of Errors

Importance of Debugging and its usage.

Understanding Garbage Collection and Best coding practices.

9.Working with DOM

Intro to DOM

Methods,Documents, Elements

Events

Event Listener

Working with DOM

Navigation

Nodes

Collections

Node Lists

10. Working with ECMAScript - v6

Intro to ES6.

Arrow Functions

Default parameter values

Rest parameter

Spread Operator

String Interpolation

Custom Interpolation

Modules(Importing and Exporting)

Intro to Classes.

Working with Classes and Generators.

Class Inheritance.

Static members

Setters and Getters.

Generators

Working with Promises and Internationalization/Localization.

Outcome:

- Transform from a total beginner to an advanced JavaScript developer.
- Understand the weird parts of javascript.
- Best coding solutions using javascript design patterns.

Typescript

Objectives:

- Use TypeScript and its Features like Types, ES6 Support, Classes, Modules, Interfaces and much more in any of their Projects.
- Understand what TypeScript really is about and how it works.
- Why TypeScript offers a real advantage over vanilla JavaScript.
- Learn TypeScript both in theory as well as applied to real use-cases and projects.

Topics:

1. Introduction to Typescript
2. TypeScript Compiler
3. Variables
4. Data Types
5. Object oriented programming
6. Classes

7. Inheritance
8. polymorphism
9. Abstraction
10. Interfaces
11. Abstract classes
12. Enums
13. Type Inference
14. Type Compatibility
15. Advanced Types
16. Symbols
17. Iterators and Generators
18. Namespaces
19. Modules
20. Generics

Outcome:

- Master design patterns for building large applications.
- Understand Composition vs Inheritance, and when to use each.
- Write reusable code powered by classes and interfaces.
- Assemble reusable boilerplates for your own Typescript projects.

Angular

Objectives:

- Master the essential Angular concepts.
- Troubleshoot common runtime errors, Write cleaner and more maintainable code.
- Develop modern, complex, responsive and scalable web applications with Angular 8.
- Fully understand the architecture behind an Angular application and how to use it.
- Use the gained, deep understanding of the Angular fundamentals to quickly establish yourself as a front-end developer.

Topics:

1. Angular Building Blocks
    - Components
    - Services
    - Dependency Injection
    - Templates
    - Modules
    - Directives
    - Meta Data
    - Data Binding
2. Deep Understanding of Data and Events
    - Property Binding
    - Event Binding
    - Two way Binding
    - Style Binding
    - Class Binding
    - Pipes
    - Customized Pipes
3. Working with Directives
    - Usage of all predefined directives
    - Custom Directives
    - Types of directives
4. Deep dive in to Forms
    - Template Driven Forms
    - Reactive Forms
    - Creating Custom Validations
    - Advanced Concepts

5. Understanding Http Services
    - Http methods usage
    - CRUD Operations
    - Authentication integration
    - RxJS
6. Routing and Navigation
    - Developing Single Page Applications
    - Advanced Concepts of Routing
    - Links hide and show
    - Angular Security
    - Internationalization
    - Angular Lifecycle Hooks

Outcome:

- Create single-page applications with best practices.
- Master Angular concepts.
- Understand the file and folder structure of an Angular application.
- Build real-time apps that not only work great but also look awesome!

Our Team

Manikanta Kona
CEO

Meet our CEO,Manikanta Kona who is a visionary leader whose mission is to provide world class education

Sai Kishore
CTO

Meet our CTO, Sai Kishore who is recognized for visionary role in bringing the benefits of Information Technology,skilling and employability.

Ganesh
Advisor

Ganesh is our advisor who is central to leading the team and assisting them to achieve its stated goals as part of the current initiative and overseeing its transition .

Sai Kumar
Full Stack Director

Sai Kumar is our Director of Full Stack Engineering and technical mentor, who is an expert in his field and will empower you to achieve your best.

Digital Lync

LOCATIONS

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