

INDUSTRIAL TRAINING iOS

Duration: 45 Hours

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iOS
INDUSTRIAL
TRAINING**Swift 5.0**

Walkthrough of the XCode , Xcode Xcode IDE, Editing, Building, Running, Console

- ❖ Declaring Constants and Variables
- ❖ Data type using Primitive type and Wrapper class
- ❖ Operator and Conditional Statements (if, if—else, nested, else if, multiple if)
- ❖ Control Structure and Switch Statement, Nested Switch Statement
- ❖ Array (One dimension, Multidimensional, Jagged, Object)
- ❖ Dictionaries
- ❖ Optional Binding and Optional Chaining,
- ❖ Value ranges, Function Declarations,
- ❖ Utilizing Tuples, Closures and Trailing Closures
- ❖ Class definitions, Computed Properties and Property Observers, Structures
- ❖ Enumerations, Extensions, Generics, Memory Management,
- ❖ Swift Code debugging

iOS Content

- ❖ Cocoa and COCOA Touch What is Cocoa?, Cocoa Framework, Cocoa Classes, Subclassing,
- ❖ Xcode, Simulator, Interface Builder, Nib files, File's Owner, Outlet Connections, Action Connections, Inspector
- ❖ Controls Part-1 Controls, Labels, IBOutlet, Buttons, IBAction, Event Handling, UIEvent, Toolbars Toolbar items, Status bar, Navigation bar, Navigation bar items
- ❖ Controls Part-2 Activity Indicator, Network Activity Indicator, Page Indicator, Progress View, Refresh Control, Scope Bar, Search Bar, Segmented Control, Slider, Stepper, Switch, Detail Disclosure Button, Info
- ❖ Text Controls Text Field, Text Field Delegate, Text View, Text View Delegate
- ❖ View What is View?, UIViews and UIViewController, UIView Class, UIView Subclasses, Types of Views, UIApplication
- ❖ Tabbar,Navigation=based,Picker view,Table View
- ❖ UIAlertView
- ❖ Sqlite in depth
- ❖ CoreData in depth
- ❖ Google Map API Integration
- ❖ Web Service using XML and JSON
- ❖ How to call Multiple Web Service
- ❖ Social networking integration
- ❖ How to manage Bluetooth, Wifi, Camera
- ❖ Autolayout

Database and SDLC

- ❖ SQL Query,Table,Relationship
- ❖ SDLC,E-R Diagram,DFD,CLASS Diagram, Use Case Diagram,SRS,Synopsys,Project Report

