



## **REACT NATIVE**

### **Duration – 2 Months**

#### **Getting started**

- Need of mobile Apps
- Different kinds of App
- Discussion of different technologies and framework

#### **Recap of the JavaScript/ReactJS**

- JavaScript and its basics
- Different data types and uses
- OOPs features
- What is React?
- Implementation of different forms

#### **Introduction to React Native**

- What is React Native?
- How it works?
- Differences between RN and web

#### **Installation of the Software**

- Steps to install the software and additional tools

#### **React Native Basics and Elements**

- Way to create project and to run in the system
- Use of different components
- Styles and event handling
- Use of native components and debugging
- Installation of react native elements and linking
- Use of different elements
- Use of icons and to configure them

#### **Navigations**

- What is navigation
- Installation of navigators and way to link them
- Navigations, routing and screens and custom components building
- Deploying them



### **Handling User Input**

- Use of different user inputs
- Its implementation and validation
- Error handling

### **Data and Network**

- Installation of server
- Http Request
- Firebase
- User authentication
- Fetching and storing of data

### **Camera and Multimedia**

- Installation of camera and multimedia component
- Use of camera with platform specific codes
- Handling multimedia support
- Accessing and storing local device files

### **Maps and Location**

- Configuration of Google Map
- Its implementation and viewing
- Accessing location

### **Deployment**

- Steps to generate file for Android and IOS
- Installing in to real device

### **Project**