

## NodeJS/Express, REACT, MySQL

### UI

20 Sessions

Basic DOM Structure, REACT's Components & DOM

JSX Way

Rendering Elements & Components

Components –Constructor, States, Props, Lifecycle, Composition Vs Inheritance

How Components handle Events

Doing away with Class definition – Hooks

How to control appearance – CSS/React, React/BootStrap, Responsiveness

REDUX Concepts

Adding REDUX functionality in a preexisting REACT Application

### Backend

15 Sessions

REST API Concepts

Microservice Concepts

Express Framework Features (routing, middleware functions etc.) & NodeJS Features (http, url, events, auth etc.)

Asynchronous / Synchronous behavior

Dockerizing NodeJS App

### DB

5 Sessions

Basic RDBMS Operations explained through MySQL

Joining, Merging etc. explained through MySQL

Interacting with a NodeJS program

Synchronous and Asynchronous Data Operations

### Target

End to end Application development using React/Redux on front end and Express/Node on backend.

MySQL instance would be used for data management. Latest versions of software and libraries to be used.

Get an experience certificate from our Company on successful submission of your Project.

Get connected to recruiters in our network for onsite / remote job opportunities.

### Mode

Classroom sessions

Skype based sessions (in screen sharing mode with an Instructor) \*

\*ideal for remote locations