

# WebWorldcenter

a web development company of Pakistan

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Trainer: Mr. Faisal Hassan (MS/MPhil IT, BSCS)

## Certified MEAN Stack Developer

Batch # [3] • Starting from [15 May 2017].

Get an **Experience Internship Letter & Certificate** on course completion to target the job market (specially in UAE) or start developing with online platforms like **Fiverr, Upwork**

### Course Description

MEAN is a free and open-source JavaScript software stack for building dynamic web sites and web applications. Build full stack applications in JavaScript using the MEAN technologies

### Course Objectives

“To provide professional training to the learners, imparting fundamental knowledge, skills, tips, techniques, methodologies and software required for Quick Professional Website Development and work with online platforms like Fiverr, Upwork”

### Teaching Methodology

Lecture with multimedia presentations, trainer will explain each and every possible point by implementing in front of the students.

### Course Duration, Schedule and Fee

Duration:	<b>2 Month</b> , 8 Sessions of 2.5 Hours Each
Days:	Every <b>Saturday, Sunday</b>
Timings:	<b>06:00 pm to 08:30 pm (2.5 hours/day)</b>
Fee:	Actual Price: <del>Rs. 19,500/-</del> <b>Limited Time Offer: Rs. 15,000/-</b>

### Who Should Attend the Training?

- IT and Management Students
- Web Designers and Developers
- IT Professionals

### Eligibility Criteria

Candidate must have moderate knowledge of web programming (HTML, CSS and JavaScript, IDE)

### Course Contents

#### MEAN Introduction (MongoDB, Express.js, AngularJS, NODE.js)

- NODE.JS, NODE.JS Architecture
- Installation & Configuration
- **JavaScript**, Server Side JavaScript
- Evented I/O for JavaScript
- Callback function,
- Event Loop
- Custom Module
- File Writing, File Reading
- Connection with MySQL
- Using Express.js, JSON & Ajax, REST API

#### AngularJS

- Introduction, Architecting AngularJS
- Bootstrapping the application with ng-app
- Expressions, Modules, Directives, Model, Data Binding, Coding AngularJS controllers, Scopes, Filters (Piping data into AngularJS filters), Services, Http, Tables, Select, SQL, DOM, Events, Forms, Validation, API, Includes, Animations, Routing, Angular Application

#### Express.JS

- Require and module.exports
- Asynchronous non-blocking code
- Using npm for dependency management
- Setting up express to listen for requests
- Routing: defining url routes and sending response
- Serving static files, exploring middleware, using the express router, defining dynamic routes with URL parameters, working with query strings and posted form data

#### MONGO DB

- Introduction, NodeJS MongoDB Driver, MongoDB Installation, Mongo shell, Importing and exporting data, NoSQL Introduction, Document based databases Types and examples of NoSQL DBs
- JSON, BSON (Binary JSON)
- Mongo DB data types,
- MongoDB queries with NodeJS connecting to a Node.js application
- MongoDB CRUD, MongoDB CRUD-Aggregation
- Backup & Restore

### How to Register for Training?

- 1- Call 0321-6224232 & schedule your meeting with us (Visit WebWorldCenter Office in our working hours).
- 2- Attach one passport size picture, one copy of your CNIC and the training fee with your registration form.