Full Stack Web Developer - MEAN Stack

Full stack web development is the most favoured developer option today.The median salary of full stack web developers is upto $90,000 !

Do you want to take your career as a web developer to the next level by getting adept at working with both front and back-end technologies and developing scalable web apps quickly? Simplilearn's Full Stack Web Developer-MEAN Stack helps you with just that by helping you acquire mastery of the concepts through hands-on practice.

About the Program

There's never been a better time to learn to code, and you can do it from the comfort of your own home with Simplilearn's Full Stack Web Developer - MEAN Stack masters' course.This comprehensive online course covers all the important tools and languages you need, like Node packet manager (npm), Express.js with MongoDB and SQLite, TypeScript, Bootstrap Grid System, Dependency Injections, SPA (Single Page Application), in-depth knowledge of NoSQL , skills of data modelling, ingestion, query, sharding, and data replication.

Who can enroll for the program

IT organizations across the globe seek competent professionals who are trained in JavaScript. Technology-focused companies prefer full stack developers because they can take a feature and build it from top to bottom.
Full Stack Web Developer is one of the most lucrative and fast-growing career paths. Due to technology boom, companies are looking for developers that can fulfill more than one role, instead of having to hire multiple developers and increasing their costs.

This course is ideal for :

Web developers

Technical leads

Technical Project Managers

Entrepreneurs

Full Stack Web Developer Outcomes

➢ Master skills and tools like Node packet manager (npm), Express.js with MongoDB and SQLite, TypeScript, Bootstrap Grid System, Dependency Injections, SPA (Single Page Application)

➢ Gain in-depth knowledge of NoSQL and mastering skills of data modelling, ingestion, query, sharding, and data replication

➢ Work on 7+ real-life, industry-based projects on different domains to help you master concepts of Full Stack technologies and obtain hands-on experience

➢ Master front-end web- development, build dynamic websites, and make interactive web pages using HTML/HTML5 and CSS/CSS3 fundamentals

➢ Gain expertise in MongoDB Developer and administrator

Program features

30+

In demand skills and tools

7+ Industry based projects

Gain hands-on experience

Salary - Rs. 10 lacs - 15 lacs

Program Description

Course 1 : All-in-One Javascript Development Suite

- Fundamentals Of JavaScript
- JavaScript for Beginning Web Developers
- JavaScript for Absolute Beginners
- Fundamentals of jQuery
- Fundamentals of Ajax Development
- Create a node.js Real Time Chat Application
- Advanced JavaScript

Course 2 : All-In-One HTML/HTML5 And CSS/CSS3 Suite

- All-In-One HTML/HTML5 And CSS/CSS3 Suite
- Applying Designs to WireFrames with HTML5 and CSS3
- Build Your Own HTML5 Video Player
- Building Responsive Websites with HTML5 and CSS3
- HTML5 and CSS3 Site Design
- HTML5 Mobile Game Development by Example - Educational Game
- HTML5 Mobile Game Development by Example -Veggies vs Zombies
- Make HTML5 Games with No Coding Required
- Understanding HTML5 Input Types
- Website Wireframing with HTML5 and CSS3

Course 3 : Node.Js Training

- Introduction and Foundation
- Node Projects
- Working with shrink-wrap to lock the node modules versions
- Working with asynchronous programming
- Building a HTTP Server with Node.JS using HTTP APIs
- File System
- Buffers, Streams, and Events
- Multi-Processing in NodeJS
- ExpressJS
- Express JS with MongoDB and Sqlite
- Socket.io, The Front-end, and A Chat App
- Introduction to Task Managers with unit testing

Course 4 : Angular Training

- What is a SPA? What is Angular?
- Preparing for TypeScript
- Angular-4 new features
- Building with A4 Components
- Bootstrap Scaffolding
- Angular 4 Binding and Events
- Dependency Injection and services
- Directives
- Pipes
- Forms
- HTTP, Promises, and Observables
- Testing

Course 5 : MongoDB Developer and Administrator

- Course Introduction
- Introduction to NoSQL databases
- MongoDB A Database for the Modern Web
- CRUD Operations in MongoDB
- Indexing and Aggregation
- Replication and Sharding
- Developing Java and Node JS Application with MongoDB
- Administration of MongoDB Cluster Operations

Course 6: Docker Compose in Depth

- Introduction
- Compose Basics
- Networks
- Volumes
- Logging
- The Compose CLI
- Composing Compose
- Compose in Production

Course 7: React.js

- Welcome to Starting with React
- React Components
- React State and Props
- React Event Handling
- Routing in React React flux
- Styling React
- Course Conclusion

Course 8 : Linux

- Installing Linux
- Getting To Know The Command Line
- It's All About The Files
- Working With Command Line
- More Advanced Command Line And Concepts

Course 9 : SQL

- Rational Databases
- SQL Querying
- Your First Queries
- Filtering Your Results
- Consolidating Your Data
- Grouping Your Data
- Joining Tables
- Subqueries
- Manipulating Your Data
- Transaction Control
- Creating Database Objects And Adding Business Logic