

# CERTIFICATE

OF COMPLETION

This certificate is proudly presented to:

Gaurav Awate

for successfully completing training for **Diploma in MEAN MERN**  
held at **FirstBit Solutions, Pune.**

Duration: 6<sup>th</sup> Feb 2023 – 30<sup>th</sup> September 2023



**FirstBitSolutions.com**  
...learn IT Bit by Bit...

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Vinayak Ujalambe  
Director

# Course Contents

Introduction to Web Programming and Full Stack

Angular – Components, Bindings, Directives, Routing, Pipes, Forms, Services, Life Cycle Hooks, JSON Server

HTML5, CSS3, Bootstrap, JavaScript, jQuery & TypeScript

Node/Express – Blocking vs Non-Blocking, Event Handling, NPM, HTTP Server, REST API, Body Parser

Mongo – NoSQL Databases, CRUD operations, Indexing, Aggregate and Map Reduce

React – Functional / Class components, JSX, Props, State, Events, Virtual DOM, Routing, Life cycle methods, HOC, Forms, Axios, Hooks, Redux

