

Bootcamp (2 Days) MERN Stack Development Course

Program Overview

Our 16-hour MERN Stack Bootcamp is an intensive 2-day program designed for individuals seeking a foundational understanding of full stack development. With 8 hours of daily learning, this bootcamp covers essential technologies and hands-on experience.

Course Structure

Topic	Duration
Introduction to Web Development	1 hour
HTML & CSS Basics	2 hours
JavaScript Fundamentals	3 hours
React Basics	2 hours
Node.js and Express Overview	3 hours
MongoDB Basics	2 hours
Git Basics	1 hour
Capstone Project (Hands-on)	2 hours

Detailed Syllabus

Introduction to Web Development

- Overview of web development basics
- Understanding frontend and backend roles
- Tools and environments setup

HTML & CSS Basics

- Creating simple web pages with HTML5
- Adding basic styling with CSS3
- Introduction to responsive design principles

JavaScript Fundamentals

- Variables, data types, and operators
- Functions and control structures
- Event handling basics

React Basics

- Introduction to React library
- Functional components and props
- Managing state with hooks

Node.js and Express Overview

- Setting up a basic Node.js application
- Introduction to Express for routing
- Overview of API development

MongoDB Basics

- Understanding NoSQL databases
- Performing CRUD operations with MongoDB
- Connecting MongoDB to a Node.js application

Git Basics

- Setting up a Git repository
- Basic Git commands: init, add, commit, push
- Collaborating with GitHub

Capstone Project

- Building a simple MERN stack application
- Integrating frontend and backend
- Hands-on deployment basics

Course Highlights

- No Placement Support
- Certificate: Full Stack Certificate (MERN Stack)

Benefits of the Program

- Accelerated Learning: Gain foundational MERN stack skills in just 2 days.
- Hands-on Experience: Build and deploy a project during the bootcamp.
- Comprehensive Curriculum: Covers essential technologies to kickstart your web development journey.