

Lesson

Backend Development Course Calendar



Si No	Lecture Name	Release Date	Mode	Topics Covered
1	Day 0: Welcome to the course	03/02/2024	Live	<ul style="list-style-type: none"> • Introduction to the course • Introduction to backend web development • Applications & Opportunities • Project Overview: Projects we will be building throughout the course
2	Day 1: Introduction to JavaScript	05/02/2024	Recorded	<ul style="list-style-type: none"> • Introduction & Installation of NodeJS • Introduction to JavaScript • Variables • Datatypes • Operators • Conditionals • Loops
3	Day 2: Mastering JavaScript	07/02/2024	Recorded	<ul style="list-style-type: none"> • Functions & Scope • Strings • Arrays • Objects • Destructuring • Date & Math Module
4	Day 3: Exploring JavaScript Superpowers	09/02/2024	Recorded	<ul style="list-style-type: none"> • Closures • Callbacks • Higher order Functions • Event Loop
5	Day 4: JavaScript in Action	11/02/2024	Live	<ul style="list-style-type: none"> • JS Revision • Promises • Async-Await • Error Handling • Mini-Project 01: Attendance Management System
6	Day 5: NodeJS Fundamentals	13/02/2024	Recorded	<ul style="list-style-type: none"> • Introduction to NodeJS • Modules & Packages • http module • fs module
7	Day 6: Databases & MongoDB	15/02/2024	Recorded	<ul style="list-style-type: none"> • Introduction to Databases • Introduction to MongoDB • Setting up MongoDB • Mongoose

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8	Day 7: NodeJS implementation	17/02/2024	Live	<ul style="list-style-type: none"> • Introduction to the project • Setting up Mongoose & MongoDB • Request & Reponse • Building logic & Routes • Testing APIs on Postman • Final project demo
9	Day 8: Starting with ExpressJS	19/02/2024	Recorded	<ul style="list-style-type: none"> • Limitations of NodeJS • REST APIs • Introduction to Express JS • Simple express app • Understanding the components of express app
10	Day 9: ExpressJS Project Marathon Day 01	21/02/2024	Live	<ul style="list-style-type: none"> • Introduction to the project • Setting up Mongoose & MongoDB • Testing the connection with a simple route • Introduction to routes, schemas & controllers • Database Modeling with MongoDB
11	Day 10: ExpressJS Project Marathon Day 02	23/02/2024	Live	<ul style="list-style-type: none"> • Introduction & Implementation of JWT Authentication • User Management • Working with files • Product Management
12	Day 11: ExpressJS Project Marathon Day 03	25/02/2024	Live	<ul style="list-style-type: none"> • Category APIs • Cart APIs • Orders APIs • Winding up the project