

# Full Stack Curriculum

Day	Topic
1	Introduction to Web Development & Tools Setup
2	HTML Basics & Structure
3	HTML Forms & Semantic Tags
4	CSS Basics: Selectors, Colors, Typography
5	CSS Box Model & Positioning
6	CSS Flexbox & Grid
7	Responsive Design & Media Queries
8	JavaScript Basics: Variables, Data Types, Operators
9	JavaScript Control Flow: if-else, loops
10	JavaScript Functions & Scope
11	DOM Manipulation & Events
12	JavaScript ES6 Features
13	Fetch API & JSON
14	Mini Project 1 – Interactive Web Page
15	React.js Introduction & Environment Setup
16	React Components, Props, State
17	React Event Handling & Conditional Rendering
18	React Lists & Keys
19	React Hooks: useState, useEffect
20	React Forms & Controlled Components
21	React Routing with React Router
22	React Project – Portfolio Website (Setup)
23	React Project – Portfolio Website (Build)
24	Next.js Basics: Pages & Routing

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25	Next.js Data Fetching (getStaticProps, getServerSideProps)
26	Next.js API Routes
27	Next.js Deployment
28	Node.js Introduction & Modules
29	Express.js Basics & Routing
30	REST API with Express
31	Middleware & Error Handling
32	MongoDB Basics & CRUD Operations
33	MongoDB with Mongoose
34	SQL Basics & Queries
35	Integrating MongoDB & SQL in Projects
36	Authentication with JWT
37	Full Stack Project – E-commerce (Setup)
38	Full Stack Project – E-commerce (Frontend)
39	Full Stack Project – E-commerce (Backend)
40	Full Stack Project – E-commerce (Database)
41	Deploy E-commerce Project
42	Python Basics
43	Java Basics
44	Git & GitHub Basics
45	Final Project – Blog App (Setup)
46	Final Project – Blog App (Build & Deploy)