15 Days (Introduction to Angular + Node.js)

Objective:

- Gain a basic understanding of Angular and Node.js, and their roles in full-stack development.

Syllabus:

1. **Day 1-2:** Introduction to Full-Stack Development
   a. Overview of Angular and Node.js.
   b. Setting up development environments (Node.js, Angular CLI, VS Code).
2. **Day 3-6:** HTML, CSS, and JavaScript Basics
   a. Core concepts of HTML, CSS, and JavaScript.
   b. Responsive design basics.
3. **Day 7-9:** Introduction to Angular
   a. Angular fundamentals (components, modules).
   b. Basic project structure and Angular CLI commands.
4. **Day 10-12:** Introduction to Node.js
   a. Basics of Node.js and npm.
   b. Simple server creation with Node.js.
5. **Day 13-15:** Hands-On Practice
   a. Create a simple Angular form and connect it with a Node.js API.

30 Days (Beginner-Level Angular + Node.js Development)

Objective:

- Build a basic understanding of Angular for frontend development and Node.js for backend API creation.

Syllabus:

1. **Week 1:** Angular Basics
   a. Components, directives, and templates.
   b. Angular module structure and data binding.
2. **Week 2:** Node.js Basics
   a. Express.js and routing basics.
   b. RESTful API creation.
3. **Week 3:** Database Integration
   a. Introduction to MongoDB and CRUD operations.

       b. Connecting Node.js to MongoDB.
4. **Week 4:** Angular Forms and Basic Project
       a. Template-driven and reactive forms in Angular.
       b. Build a simple CRUD application using Angular and Node.js.