Back-End Development with node js and Express js
Duration: 4 Weeks

Module 1: Installation and setup:
- Download and install
- Understanding asynchronous programming
- Setup folder structure

Module 2: Building a Simple Node.js Application:
- Understanding Packages and Modules
- Setting up a basic server
- Setup folder structure
- Handling HTTP requests and responses

Module 3: Asynchronous Programming with Callbacks:
- Understanding callback functions
- Middleware and its role in Express.js
- Creating custom middleware

Module 4: Working with Databases:
- Connecting Node.js with databases (e.g., MongoDB)
- Understanding the concept of Models and Schema

Module 5: Building RESTful APIs with Express:
- Understanding RESTful principles
- Understanding the concept of Controller and Router
- Handling HTTP methods (GET, POST, PUT, DELETE)
- Performing CRUD operations