

Node JS

1. Understanding Node environment
 - a. Extending JavaScript
 - b. V8
 - c. The Process Object
2. Understanding Asynchronous Event Driven Programming
 - a. Broadcasting Events
 - b. Listening for Events
 - c. Timers
 - d. Understanding the Event Loop
 - e. Callbacks and errors
3. Streaming Data Across Node And clients
 - a. Exporting Steams
 - b. Creating and HTTP Server
 - c. The Request objects
 - d. Working with Headers
 - e. Handling Post Data
4. Access the File System
 - a. Directories & iterating overs files and folders
 - b. Reading from File
 - c. Writing to a File
5. Using Express
 - a. Installing Express and Making it Easier to Build Web Server
 - b. Routes
 - c. Static File and Middleware
 - d. JSON
6. Databases
 - a. Relational Database and SQL
 - b. Node & MYSQL
 - c. NoSQL and Documents
 - d. MongoDB and Mongoose
 - e. CRUD operation using MongoDB
7. Working with MySQL
 - a. CRUD Operation using MYSQL
8. Connecting Node with Angular
 - a. Installation of Angular
 - b. Components
 - c. Services
 - d. Template Form
 - e. Event Handling
9. CRUD operation with HTTP
10. Deploymnet.