

NODE.JS



JavaScript

an understanding of the basics of syntax, closures, objects, and functions is a must.



Web Basics

an understanding of basic concepts such as HTTP, web servers, client-server architecture, REST APIs, and URL routing will be helpful.



Node.js

learn the basics of Node.js, including installation, setting up your development environment, executing server-side JavaScript, working with npm modules and packages.



Asynchronous programming

Node.js specialises in asynchronous programming, so it is important to understand the principles of asynchronous code, use callbacks, promises and asynchronous/await.



Basic TypeScript

what typescript is and its advantages over vanilla JavaScript and why you should use TypeScript.

EX Express.js (or another web framework)

basic knowledge of Express or a similar framework will be useful for web server development.



Working with databases

understanding the basics of relational and non-relational databases such as MySQL, PostgreSQL, MongoDB and Redis.



Version Control

The basics of using version control systems like Git are essential for collaborative projects.

Useful materials:

The Modern JavaScript Tutorial



Introduction to Node.js



ExpressJS Tutorial



Learn MySQL Tutorial - javapoint



Learn Git Branching



TypeScript Tutorial

