

Web Development with Node.js and MongoDB

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Section 1

Getting to Know Node.js



In this Section, we are going to take a look at...

- Node.js basics
- Blocking versus Non-blocking code
- Setting up your environment
- Hello workout

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Video 1.2

Node.js Basics



In this Video, we are going to take a look at...

- Node.js fundamentals
- Common use cases
- Pros and cons of Node.js

Node.js Fundamentals

- Single-threaded
- Uses an event loop
- Handles multiple concurrent operations well
- Non-blocking from the start

Node.js Fundamentals

- Modules
- Callbacks
- Events
- Streams
- Error handling

Common Use Cases

- Real-time web applications
- API for NoSQL databases
- Queuing inputs and logging
- Data streaming
- Proxy
- Server-side applications

Pros

- Lightweight and efficient
- Easy to scale
- JavaScript can be used for whole stack
- Manipulating data as it's being received

Cons

- Not for CPU intensive tasks
- Not for relational databases

Next Video

Blocking Versus Non-blocking Code