

NODEJS COURSE CONTENT

Duration: 30 Hours

Our Strength
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Node JS

- ❖ **Intro to Node.js RAM vs. I/O latency**
Blocking vs. Non-Blocking, Event-driven Programming, JavaScript Closures, Event Loop, Blocking The Event Loop, Node.js Philosophy (userland vs. core)
- ❖ **Installing Node.js Download and Install**
Node REPL, First Hello World, References (API docs, Mailing List, etc...)
- ❖ **Modules and npm Anatomy of a module**
Private code, Accessing and using modules, npm commands, package.json
- ❖ **The Callback Pattern What are callbacks**
Examples, Callback-last, Error-first
- ❖ **Event Emitter**
When to use Event Emitters, Binding Functions to Events, Examples, Creating an Event Emitter
- ❖ **Error Handling**
Callbacks: Error-first, Errors in Event Emitters, Uncaught Exceptions, Using Domains
- ❖ **Buffers**
Why Buffers exist, Creating Buffers, Reading Buffers, Writing Buffers, Manipulating Buffers, Manipulating Buffers
- ❖ **Streams**
What are streams, Read Stream API, Write Stream API, Flow Control, Piping, Duplex Stream, Transfer Stream.

Note: Project is mandatory it will be completed by Current Faculty.
You can check Syllabus if any topic not covers then you can direct contact to management.

