

# JavaScript Development with Node, Express, & MongoDB Course Online

Learn to build and host web applications with Node, build APIs with Express, and store data with MongoDB. Gain skills in I/O engine, working with npm, file system, API route development, middleware, MongoDB setup, schema development, MongoDB application management, and querying.

For more information, visit

<https://cl.nobledesktop.com/tech/courses/node-express-and-mongo-db>



## Course Outline

[hello@nobledesktop.com](mailto:hello@nobledesktop.com) • (212) 226-4149

### What is an I/O engine?

- Input / Output engine
- File execution
- Creating a basic http server

### Working with npm (Node package manager)

- Installing modules
- Assessing node\_modules folder
- Creating a package.json file
- Managing your application's assets

### Working with the file system

- Reading directories
- Reading and serving image files
- Serving image files
- Streaming data

### API route development

- Assessing the main types of HTTP routes
- Hosting express app instance
- Creating simple GET routes

### Middleware

- Creating middleware functions
- Request, Response, Next
- Cookie creation

## **How to set up MongoDB**

- Creating a connection string
- Hosting MongoDB
- Authenticating into a DB

## **Schema development**

- Creating the model
- Filtering data

## **MongoDB application**

- Managing documents
- Security measures

## **Querying**

- Filtering documents
- Populations
- Limits
- Paginations