

30 Days Express.js Full Roadmap — beginner → advanced

☑ WEEK 1: Node.js + Express Basics (Foundation)

📅 Day 1 – Node.js Basics

- ☐ What is Node.js
- ☐ Why Node.js
- ☐ Node vs Browser JS
- ☐ `require()` & `module.exports`
- ☐ Simple HTTP server

💡 Mini Task:

```
http.createServer((req, res) => {  
  res.end("Hello Node");  
});
```

📅 Day 2 – NPM & Project Setup

- ☐ npm init
- ☐ package.json samajhna
- ☐ node_modules kya hai
- ☐ nodemon install

💡 Task:

- nodemon se server run karo

📅 Day 3 – Express Introduction


- ☐ express install
- ☐ `app.get()`
- ☐ `app.listen()`
- ☐ `res.send()`

💡 Task:

- `/`, `/about`, `/contact` routes banao

📅 Day 4 – Routing Deep Dive

- ☐ GET vs POST
- ☐ Route params
- ☐ Query params

 Example:

```
app.get("/user/:id", ...)
```

Day 5 – Middleware Basics

- ☐ Middleware kya hota hai
- ☐ next()
- ☐ Custom middleware

 Task:

- Logger middleware banao

Day 6 – Built-in Middleware

- ☐ express.json()
- ☐ express.urlencoded()

 Task:

- POST request se data receive karo

Day 7 – Mini Project

Basic API

- GET users
- POST user
- Middleware use karo

☒ WEEK 2: CRUD + Database (MongoDB)

Day 8 – MongoDB Intro

- ☐ MongoDB kya hai
- ☐ Collection / Document
- ☐ MongoDB Compass

Day 9 – Mongoose Setup

- ☐ mongoose install
 - ☐ connect to DB
-

Day 10 – Schema & Model

- ☐ Schema banana
 - ☐ Model banana
-

Day 11 – CREATE Operation

- ☐ POST data
 - ☐ Save to DB
-

Day 12 – READ Operation

- ☐ find()
 - ☐ findById()
-

Day 13 – UPDATE Operation

- ☐ findByIdAndUpdate()
-

Day 14 – DELETE Operation

- ☐ findByIdAndDelete()

☒ WEEK 3: Advanced Backend Concepts

Day 15 – Error Handling

- ☐ try-catch
 - ☐ custom error middleware
-

Day 16 – Environment Variables

- ☐ dotenv
 - ☐ process.env
-

Day 17 – Authentication (Basics)

- ☐ bcrypt
 - ☐ password hashing
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Day 18 – JWT Authentication

- ☐ jwt sign
 - ☐ jwt verify
 - ☐ protected routes
-

Day 19 – Role Based Access

- ☐ Admin / User logic
-

Day 20 – File Upload

- ☐ multer
 - ☐ upload image
-

☒ WEEK 4: Real Projects & Optimization

Day 21 – Pagination & Filtering

- ☐ page & limit
 - ☐ search
-

Day 22 – API Security

- ☐ cors
 - ☐ helmet
 - ☐ rate limit
-

Day 23 – API Testing

- ☐ Postman
 - ☐ Thunder Client
-


Day 24 – MVC Architecture

- ☐ controllers
 - ☐ routes
 - ☐ models
-

Day 25 – Connect React + Express

- ☐ fetch from frontend
 - ☐ CORS setup
-

Day 26 – Full CRUD Project

 Blog / Todo / Product App

Day 27 – Deploy Backend

- ☐ Render / Railway / Cyclic
-

Day 28 – Debug & Improve

- ☐ logs
 - ☐ performance
-

Day 29 – Final Project Polish

- ☐ clean code
 - ☐ folder structure
-

Day 30 – Revision + Confidence

- ☐ Revise everything
 - ☐ Build from scratch
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FINAL GOAL (After 30 Days)

- ☒ Express Developer
 - ☒ CRUD + Auth
 - ☒ Real API
 - ☒ Ready for MERN
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BONUS PROJECT IDEAS

- Todo App
 - Blog API
 - E-commerce backend
 - Admin dashboard
 - Chat backend
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FINAL LINE

30 din consistently kar liya na, tu Express developer ban chuka hoga.