 Node.js installed 👉 <https://nodejs.org>

 MongoDB installed locally 👉 [[https://www.mongodb.com/try/download/community]](%5bhttps:/www.mongodb.com/try/download/community%5d)

* Postman: https://www.postman.com/downloads/

Ensure:

* Node.js is installed → run: node -v
* MongoDB is installed and configured → run: mongod in a new CMD window

**Step 1: Create Project Folder**

mkdir myapp

cd myapp

**Step 2: Initialize Node.js Project**

npm init -y

**Step 3: Install Required Packages**

npm install express mongoose dotenv

npm install --save-dev nodemon

**Step 4: Create Project Files Using Notepad**

**4.1 Create .env file**

notepad .env

Paste and save:

PORT=3000

MONGO\_URI=mongodb://localhost:27017/mydatabase

**4.2 Create app.js**

notepad app.js

Paste:

require('dotenv').config();

const express = require('express');

const mongoose = require('mongoose');

const recordRoutes = require('./routes/recordRoutes');

const app = express();

app.use(express.json());

mongoose.connect(process.env.MONGO\_URI, {

useNewUrlParser: true,

useUnifiedTopology: true

}).then(() => console.log("MongoDB Connected"))

.catch((err) => console.log(err));

app.use('/api/records', recordRoutes);

const PORT = process.env.PORT || 3000;

app.listen(PORT, () => console.log(`Server running on port ${PORT}`));

**Step 5: Create Folders & Files**

**5.1 Create models folder & file**

mkdir models

notepad models\Record.js

Paste:

const mongoose = require('mongoose');

const recordSchema = new mongoose.Schema({

name: String,

age: Number,

email: String

});

module.exports = mongoose.model('Record', recordSchema);

**5.2 Create routes folder & file**

mkdir routes

notepad routes\recordRoutes.js

Paste:

const express = require('express');

const router = express.Router();

const Record = require('../models/Record');

router.post('/add', async (req, res) => {

try {

const record = new Record(req.body);

await record.save();

res.status(201).json(record);

} catch (err) {

res.status(400).json({ message: err.message });

}

});

router.get('/', async (req, res) => {

try {

const records = await Record.find();

res.json(records);

} catch (err) {

res.status(500).json({ message: err.message });

}

});

module.exports = router;

**Step 6: Start MongoDB Server**

Open **another CMD window**:

mongod

(Keep this running)

**Step 7: Run Your App**

Back in your main CMD:

npx nodemon app.js

You should see:

MongoDB Connected

Server running on port 3000

**📤 Step 8: Test Using Postman**

**8.1 Add Record – POST**

* URL: http://localhost:3000/api/records/add
* Method: POST
* Body:

{

"name": "Anjali",

"age": 22,

"email": "anjali@example.com"

}

**8.2 View All Records – GET**

* URL: http://localhost:3000/api/records
* Method: GET