

What's new MERN-CRUD Data | Cloud: MongoDB | localhost:5000/api/items cloud.mongodb.com/v2/67cb086083f2fc6d45157bd4#/metrics/replicaSet/67cb09360426ca2223f0c575/explorer/mern_crud_db/items/find

Google Chrome isn't your default browser Set as default

Atlas sarala's Org Access Manager Billing All Clusters Get Help sarala

MERNCRUD Data Services Charts

Overview SARALA'S ORG - 2025-03-01 MERNCRUD DATABASES MERN-CRUD VERSION 8.0.5 REGION AWS Mumbai (ap-south-1)

Overview Real Time Metrics Collections Atlas Search Performance Advisor Online Archive Cmd Line Tools

DATABASE:1 COLLECTIONS:1

+ Create Database Search Namespaces

mem_crud_db items

mem_crud_db.items STORAGE USED 0MB LOGICAL DATA 0MB TOTAL DOCUMENTS 2 INDEXED TOTAL SIZE 0MB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

Generate queries from natural language in Compass

Filter Type a query: { field: 'value' } Reset Apply Options

INSERT DOCUMENT

QUERY RESULTS: 1-2 OF 2

```
{ "_id": ObjectId("67c92b87a596c3d1e4f45ab9"), "name": "sarala", "__v": 0 }
{ "_id": ObjectId("67c92c7c138c189ab9cab937"), "name": "john doe", "__v": 0 }
```

29°C Mostly cloudy 07:28 PM 08-03-2025

VS Code interface showing a project named 'mern_crud'. The Explorer sidebar on the left displays the file structure:

- OPEN EDITORS
 - JS Item.js backend\...
 - JS ItemRoutes.js ba...
 - JS App.js fron... M
 - JS ItemList.js f... U
 - # App.css frontend\...
 - JS AddItem.js... U
 - .env backend
 - .gitignore backend
 - X JS index.js backend
- MERN_CRUD
 - backend
 - routes
 - ItemRoutes.js
 - .env
 - .gitignore
 - JS index.js
 - package-lock.json
 - package.json
 - frontend
 - node_modules
 - public
 - src
 - components
 - JS AddItem.js U
 - JS ItemList.js U
 - # App.css M
 - JS App.js M
 - JS App.test.js
 - # index.css
 - JS index.js
 - OUTLINE
 - TIMELINE

The main editor displays the code for `index.js` in the `backend` directory:

```
1 require('dotenv').config({ path: __dirname + "/.env" });
2 const express = require('express');
3 const mongoose = require('mongoose');
4 const cors = require('cors');
5 const itemRoutes = require('./routes/ItemRoutes');
6
7 const app = express();
8 const PORT = process.env.PORT || 5000;
9
10 // Middleware
11 app.use(express.json());
12 app.use(cors());
13
14 // MongoDB Connection
15 mongoose.connect(process.env.MONGO_URI, { useNewUrlParser: true, useUnifiedTopology: true })
16   .then(() => console.log('✅ MongoDB connected'))
17   .catch(err => console.error('❌ MongoDB Connection Error:', err));
18
19 // Routes
20 app.use('/api/items', itemRoutes);
21
22 app.get('/', (req, res) => {
23   res.send('MERN CRUD API is running...');
24 });
25
26 app.listen(PORT, () => {
27   console.log('🚀 Server running on port ${PORT}');
28 });
29
```

The bottom panel shows the TERMINAL output:

```
_V: @
}
]
✅ Fetching all items from MongoDB
✅ Fetching all items from MongoDB
✅ Items fetched: [
{
  _id: 0
}
```

The status bar at the bottom indicates the current file is `index.js` at line 20, column 1, with 4 spaces, UTF-8 encoding, and CRLF line endings. The language is JavaScript, and the editor is using Go Live and Prettier. The system tray shows the date and time as 07:15 PM on 08-03-2025.

File Edit Selection View Go Run Terminal Help

mem_crud

EXPLORER

JS App.js M X JS ItemList.js U # App.css JS AddItem.js U .env .gitignore JS index.js backend package.json backend pack

OPEN EDITORS

JS db.js backend/co... JS item.js backend/... JS ItemRoutes.js ha... X JS App.js from... M JS ItemList.js f... U # App.css frontend/... JS AddItem.js... U .env backend .gitignore backend

MERN...

backend

routes

JS ItemRoutes.js .env .gitignore JS index.js package-lock.json package.json

frontend

node_modules public

src

components

JS AddItem.js U JS ItemList.js U # App.css

App.js M

App.test.js index.css index.js

OUTLINE

TIMELINE

```
1 import React from "react";
2 import ItemList from "../components/ItemList";
3 import AddItem from "../components/AddItem";
4
5 function App() {
6   return (
7     <div>
8       <h1>MERN CRUD App</h1>
9       <AddItem />
10      <ItemList />
11    </div>
12  );
13 }
14
15 export default App;
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

__V: @

✓ Fetching all items from MongoDB

✓ Fetching all items from MongoDB

✓ Items fetched: [

powerShell

node backend

node fronte...

Ln 16, Col 1 Spaces: 4 UTF-8 LF JavaScript Go Live Prettier

Finance headline
India reported 6...

Search

07:14 PM
08-03-2025

File Edit Selection View Go Run Terminal Help

mem_crud

EXPLORER

- db.js backend\co...
- item.js backend\...
- itemRoutes.js ha...
- App.js from... M
- itemLists.js f... U
- App.css frontend\...
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- env backend
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MERN_CRUD

- backend
- routes
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- App.css
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- App.test.js
- index.css
- index.js
- OUTLINE
- TIMELINE

frontend > src > components > JS AddItem.js > ...

```
1 import React, { useState } from 'react';
2
3 function AddItem() {
4   const [name, setName] = useState('');
5
6   const addItem = () => {
7     console.log("Adding item:", name);
8     fetch('http://localhost:5000/api/items', {
9       method: 'POST',
10      headers: { 'Content-Type': 'application/json' },
11      body: JSON.stringify({ name })
12    })
13    .then(res => res.json())
14    .then(() => {
15      setName('');
16      window.location.reload();
17    })
18    .catch(err => console.error(err));
19  };
20
21  return (
22    <div>
23      <input
24        type="text"
25        value={name}
26        onChange={(e) => setName(e.target.value)}
27        placeholder="Enter item name"
28      />
29      <button onClick={addItem}>Add Item</button>
30    </div>
31  );
32}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

__V: @
}
]
✓ Fetching all items from MongoDB
✓ Fetching all items from MongoDB
✓ Items fetched: [
{

Ln 35, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Go Live Prettier

07:14 PM 08-03-2025

What's new | MERN CRU | MERN-CR | localhost:5 | +

localhost:5000/api/items

Google Chrome isn't your default browser | Set as default

Pretty print

```
{
  "totalPages": 1,
  "currentPage": 1,
  "items": [
    {
      "_id": "67cc4ae43860a595e577ee23",
      "name": "John Doe",
      "__v": 0
    },
    {
      "_id": "67cc49b33060a595e577ee17",
      "name": "kritika",
      "__v": 0
    },
    {
      "_id": "67cb2bdfa596c3d1e0f45ab9",
      "name": "saralal",
      "__v": 0
    }
  ]
}
```

React App | React App | React App | + | - | □ | ×

localhost:3000

MERN CRUD App

Enter item name

Add Item

Search...

Name

Ascending

☐

saralal

Save

Cancel

Delete

☐

Kritika

Edit

Delete

☐

John Doe

Edit

Delete

Delete Selected

Prev

Page 1 of 1

Next

What's newMERN CRUMERN-CRULocalhost:5000

localhost:5000/api/items

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    },
    {
      "_id": "67cb2bdfa596c3d1e0f45ab9",
      "name": "sarala",
      "__v": 0
    }
  ]
}
```

React AppReact AppReact App

localhost:3000

MERN CRUD App

☐ sarala

Edit

Delete

☐ Kritika

Edit

Delete

☐ John Doe

Edit

Delete

Delete Selected

Prev

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Next

localhost:5000/api/items

Google Chrome isn't your default browser [Set as default](#)

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React App React App React App

localhost:3000

MERN CRUD App

Enter item name

- ☐ sarala

Delete Selected

Prev Next

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    }
  ]
}
```

React App | React App | React App | + | - | X

localhost:3000

MERN CRUD App

Enter item name | Add Item

Search... | Name | Ascending

☐ sarala | Edit | Delete

☒ Kritika | Edit | Delete

☐ John Doe | Edit | Delete

Delete Selected

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What's newMERN CRUMERN-CRULocalhost:5000

localhost:5000/api/items

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      "__v": 0
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}
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React AppReact AppReact App

localhost:3000

MERN CRUD App

Enter item name

Add Item

Search...

Name

Ascending

☐

sarala

Edit

Delete

☐ John Doe

Edit

Delete

Delete Selected

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React App | React App | React App | + | - | X

localhost:3000

MERN CRUD App

☐ sarala

Edit

Delete

☒ Kritika

Edit

Delete

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Edit

Delete

Delete Selected

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