

## MERN Stack Training

**Company:** Sensation Software Solutions  
**Student Name:** Tajinder Kaur  
**Training Duration:** 6 Months  
**Days:** 42

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## Objective of the Day

The objective of Day 42 was to learn **CRUD operations in MongoDB** and understand how data is inserted, retrieved, updated, and deleted.

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## Work Done on Day 42

The trainer explained MongoDB CRUD operations in detail using **MongoDB Shell and Compass**.

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## Create and Read Operations

We learned how to:

- Insert single document
- Insert multiple documents
- Fetch data using queries

Examples were demonstrated using:

- `insertOne()`
- `insertMany()`
- `find()`

The importance of structured data and meaningful fields was emphasized.

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## Update and Delete Operations

The trainer explained:

- Updating documents using conditions
- Deleting specific records
- Deleting multiple documents

Commands such as `updateOne()`, `deleteOne()`, and `deleteMany()` were explained conceptually.

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## Hands-on Practice

We practiced:

- Performing CRUD operations
  - Writing queries
  - Verifying data changes
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## Conclusion

Day 42 provided practical experience with **database operations**, which is essential for backend development.