Day 7 – June 26, 2025

Topic: MongoDB Basics & CRUD Operations

Introduction
Today, I learned MongoDB, a NoSQL database, and how to perform CRUD operations.

CRUD Operations

- Create, Read, Update, Delete using MongoDB shell or Mongoose.

- Connected Node.js app to MongoDB.

Example

```
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/myDB');
```

Challenges Faced

- Connection errors and schema design.

Key Learnings

- Understanding collections, documents, and queries.

- CRUD operations are the backbone of database interaction.

Conclusion / Reflection
Database integration is vital for dynamic apps. I need more practice with queries.