DevOpsSchool

Course curriculum · November 2026

BIG DATA TOOLS · TRAINING PROGRAM

MongoDB Training

A practical, hands-on MongoDB Training curriculum: 88 topics. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE Max 8-10 hours	**CORPORATE** Private team batch, on demand	**SELF-PACED VIDEO** 1-year LMS access
BATCH SIZE Max 10 learners	**NEXT BATCHES** 1st of every month · weekends: first Saturday	**CERTIFICATE** Verifiable certificate of completion

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	88 topics
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/bigdata/mongodb-certification.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether MongoDB Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 88 TOPICS

Core curriculum

88 topics · Getting Started- Introduction to MongoDB

AGENDA · 88 TOPICS

MongoDB Training agenda

Live online batches run for max 8-10 hours; corporate batches are planned with your team.

CORE CURRICULUM — 88 topics

1. Getting Started- Introduction to MongoDB
2. MongoDB Fundamentals
3. CRUD Operations
4. Schema Design and Modelling
5. Advanced Operations
6. Replication and Sharding
7. Administration and Security
8. MongoDB with other Applications
9. What is NoSQL Database
10. Types of No SQL Databases
11. Introduction to MongoDB
12. What is BSON?
13. Use case of MongoDB
14. MongoDB in Windows
15. MongoDB on Ubuntu
16. MongoDB on MAC OS
17. MongoDB Cloud-Atlas
18. Setup MongoDB Environment
19. What is a database?
20. Create Database - Demo
21. MongoDB Architecture
22. What is a collection?
23. Collections and Capped Collections - Demo
24. What is a document?
25. Document Structure
26. The _id field
27. Data Types
28. Mongo Shell
29. Mongo Shell - Demo
30. Creating Capped Collection
31. Creating collections in MongoDB
32. Inserting Data
33. Querying Data using find() & findOne()
34. Basics of Querying Data - Demo
35. Querying Complex Data - Demo
36. Querying Null Values - Demo

37. The flavors of find - Atomic operations (Update & Delete)
38. Updating Data - Demo
39. Duplicate Data - Demo
40. Replace One - Demo
41. DeleteOne - Demo
42. DeleteMany - Demo
43. Dropping a Collection
44. Inserting Many Documents
45. Finding a Document
46. Updating Document
47. Deleting Document
48. Data Modelling Schemas
49. MongoDB Data Model and Relationships
50. Scenario-based examples
51. Sorting
52. Sorting - Demo
53. Limiting records
54. Limit Data - Demo
55. Skip Data - Demo
56. Indexing
57. Indexes - Demo
58. Different Types of Indexing
59. Aggregation
60. Aggregation Pipeline - Demo
61. Aggregation MapReduce - Demo
62. Sorting in Ascending Order
63. Sorting in Descending order
64. Creating Index
65. Dropping Indexes
66. View Existing Indexes
67. COUNT Aggregation function
68. SUM Aggregation Function
69. Why Replication?
70. Sharding
71. Create Backup
72. Backup and Restore Operations
73. Backup - Demo
74. Restore - Demo
75. Import and Export Operations
76. Import and Export Operations - Demo
77. Monitor Resource Utilization

78. Query Optimization and Optimization Properties
79. Query Optimization - Demo
80. Security Concepts in MongoDB
81. MongoDB Security
82. Various API drivers available for MongoDB
83. Integration with Node.js
84. Integration with Node.js - Demo
85. Integration with Java
86. Integration with Java - Demo
87. Integration with Python
88. Integration with Python - Demo

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
MongoDB Training

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