

Database Management

Design, query, and operate reliable databases.

30 Days Duration	90 mins/day Daily pace	INR 1,499 Program fee	May 15, 2026 Next cohort
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Program Overview

A 30-day guided internship track for students who want practical Database Management skills, mentor feedback, portfolio projects, and a verified certificate.

[Schema design](#)[Indexes](#)[SQL](#)[Backups](#)[Performance](#)

Learning Outcomes

Outcome

Build a complete Database Management capstone

Outcome

Use industry-standard tools confidently

Outcome

Document work clearly for interviews

Outcome

Earn a verified completion certificate

30-Day Curriculum

Week 1: Week 1: Database Management foundations

A focused sprint with guided lessons, daily practice, and project checkpoints.

Day 1	Database Management Sprint Day 1 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 2	Database Management Sprint Day 2 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 3	Database Management Sprint Day 3 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 4	Database Management Sprint Day 4 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 5	Database Management Sprint Day 5 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Project checkpoint	90 min
Day 6	Database Management Sprint Day 6 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 7	Database Management Sprint Day 7 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min

Week 2: Week 2: Core workflows

A focused sprint with guided lessons, daily practice, and project checkpoints.

Day 8	Database Management Sprint Day 8 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 9	Database Management Sprint Day 9 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min

Day 10	Database Management Sprint Day 10 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Project checkpoint	90 min
Day 11	Database Management Sprint Day 11 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 12	Database Management Sprint Day 12 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 13	Database Management Sprint Day 13 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 14	Database Management Sprint Day 14 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min

Week 3: Week 3: Applied projects

A focused sprint with guided lessons, daily practice, and project checkpoints.

Day 15	Database Management Sprint Day 15 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Project checkpoint	90 min
Day 16	Database Management Sprint Day 16 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 17	Database Management Sprint Day 17 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 18	Database Management Sprint Day 18 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min
Day 19	Database Management Sprint Day 19 Learn, practice, and ship a concrete portfolio artifact for this track. Activity: Guided lab	90 min

Day 20	Database Management Sprint Day 20	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Project checkpoint		
Day 21	Database Management Sprint Day 21	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		

Week 4: Week 4: Capstone and certification

A focused sprint with guided lessons, daily practice, and project checkpoints.

Day 22	Database Management Sprint Day 22	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 23	Database Management Sprint Day 23	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 24	Database Management Sprint Day 24	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 25	Database Management Sprint Day 25	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Project checkpoint		
Day 26	Database Management Sprint Day 26	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 27	Database Management Sprint Day 27	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 28	Database Management Sprint Day 28	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		
Day 29	Database Management Sprint Day 29	90 min
Learn, practice, and ship a concrete portfolio artifact for this track.		
Activity: Guided lab		

Learn, practice, and ship a concrete portfolio artifact for this track.

Activity: Project checkpoint

Tools Covered

Schema design

Applied Schema design workflow

Indexes

Applied Indexes workflow

SQL

Applied SQL workflow

Backups

Applied Backups workflow

Performance

Applied Performance workflow

Portfolio Projects

Week 1: Design and create a normalised school management database (students, teachers, courses, enrolments) with 50+ records.

Week 2: Complete SQL query workbook — 25 queries of increasing difficulty on an e-commerce database.

Week 3: Advanced features project — add views, stored procedures, triggers, indexes, and user roles to the e-commerce database.

Week 4: Capstone Project: Design and build a complete database system for a chosen business scenario (hospital, inventory, banking, etc.) — includes ER diagram, normalised SQL schema, 10 complex queries, views, stored procedure, and MongoDB equivalent — all on GitHub.

Instructor

Chandramani Kumar

Database Management Mentor

Industry mentor focused on practical student outcomes.

FAQ

What will I learn in DBMS internship?

You will learn database concepts, SQL queries, normalization, and database handling.

Do I need prior SQL knowledge?

No, beginners can join and learn fundamentals.

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