

MongoDB Developer and Administrator

Course Overview:

This MongoDB Developer and Administrator course will help you master the concepts of data modeling, ingestion, query, sharding, and data replication with MongoDB, along with installing, updating, and maintaining the MongoDB environment. You will learn how to work on MongoDB configuration, backup methods, and monitoring and operational strategies.

Course Highlights:

- 49 hours of Online Bootcamp
- 3 industry-based projects in the elearning and telecom domains
- 6 hands-on lab exercises to be executed in a virtual machine
- 60 demos explaining key concepts

Course Delivery Method:

Online Bootcamp- Online, self-paced, video-based learning and live, virtual classroom conducted by the industry's leading coach. This course includes Simplilearn's integrated lab platform.

Prerequisites:

In order to take this MongoDB Developer and Administrator course, the learner should have:

- A basic knowledge of any programming language and SQL database
- A working knowledge of Linux- or Unix-based systems (recommended)

Skills Covered:

- Writing Java and NodeJs apps
- CRUD operations in MongoDB
- Replication and sharding
- Indexing and aggregation
- MongoDB tools and backup methods
- Replica sets

Tools Covered:

MongoDB, NoSQL

Who Will Benefit:

This MongoDB Developer and Administrator course is best suited for professionals aspiring to work on NoSQL databases and MongoDB, including database administrators and architects, software developers and architects, project managers, IT developers, testers, analytics, and research professionals, and system administrators.

Key Learning Outcomes:

- Develop expertise writing Java and NodeJS applications using MongoDB
- Master the skills of replication and sharding of data in MongoDB to optimize read/write performance and perform installation, configuration, and maintenance of the MongoDB environment
- Get hands-on experience creating and managing different types of indexes in MongoDB for query execution
- Proficiently store unstructured data in MongoDB and develop skills for processing huge amounts of data using MongoDB tools
- Gain proficiency in MongoDB configuration, backup methods, monitoring, and operational strategies
- Acquire an in-depth understanding of how to manage DB Notes, Replica set, and master-slave concepts



European Partner Simplilearn

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Certification Criteria:

- Completion of at least 85 percent of online self-paced learning or attendance of one live virtual classroom
- A score of at least 75 percent in course-end assessment
- Successful evaluation in at least one project

About us:

Synermesh SA The Synermesh PAAS (powered by the Zoho SAAS; Simplilearn LMS); PMI training) connects the our staff & partners with the top Banks; Funds Administrators; and Funds Managers active in Luxembourg. Within our platform we provide access to our consultants to: tools to support project management & digital transformation: accounting services; training services; and specialised tools to support the specific operations related to Fund Administration

Simplilearn is a leader in digital skills training, focused on the emerging technologies that are transforming our world. Our blended learning approach drives learner engagement and is backed by the industry's highest completion rates. Partnering with professionals and companies, we identify their unique needs and provide outcome-centric solutions to help them achieve their professional goals.

Founded in 2009, Simplilearn is one of the world's leading providers of online training for Digital Marketing, Cloud Computing, Project Management, Data Science, IT Service Management, Software Development and many other emerging technologies. Based in Bangalore, India, San Francisco, California, and Raleigh, North Carolina, Simplilearn partners with companies and individuals to address their unique needs, providing training and coaching to help working professionals meet their career goals. Simplilearn has enabled over 1 million professionals and companies across 150+ countries train, certify and upskill their employees.

Simplilearn's 400+ training courses are designed and updated by world-class industry experts. Their blended learning approach combines e-learning classes, instructor-led live virtual classrooms, applied learning projects, and 24/7 teaching assistance. More than 40 global training organizations have recognized Simplilearn as an official provider of certification training. The company has been named the 8th most influential education brand in the world by LinkedIn.