DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

# New Relic Essential Training

Read and act on APM data with Apdex, service maps, traces, error analytics and alerts that reach your team in Slack.

| | | |
|---|---|---|
| **LIVE ONLINE**<br>Max 8-10 hours | **CORPORATE (DAY-WISE)**<br>2 days · Days 1-2 | **SELF-PACED VIDEO**<br>1-year LMS access |
| **BATCH SIZE**<br>Max 10 learners | **NEXT BATCHES**<br>1st of every month · weekends: first Saturday | **CERTIFICATE**<br>Verifiable certificate of completion |

| Foundation | Essential | Intermediate | Advanced |
|---|---|---|---|
| 1 day · Included | 2 days · This curriculum | 3 days · Next step | 5 days · Later |

## INSIDE THIS CURRICULUM


| | |
|---|---|
| What you will achieve | Outcomes and level focus |
| Who should attend | Audience and prerequisites |
| Agenda | 26 topics · Foundation to Essential |
| Hands-on labs | 2 labs |
| 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/newrelic/newrelic-essential-training.html
**Talk to us:** WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

# What you will achieve

By the end of the New Relic course path, you will be able to:

1

### Instrument applications with New Relic

Install and configure New Relic agents and read APM data to understand application performance.

2

### Diagnose and alert effectively

Find bottlenecks with traces, profiling and error analytics and alert teams before users notice.

3

### Deliver full-stack observability

Combine infrastructure, logs, synthetics, browser, security and NRQL dashboards into one observability practice.

WHAT THE ESSENTIAL LEVEL ADDS

### APM dashboards, diagnostics and alerting

**Hands-on:** Diagnose a slow application. Use Apdex, transaction traces, slow queries and error analytics to find a bottleneck, then alert on it in Slack after a deployment.

WHO SHOULD ATTEND

- Learners who know the basics of New Relic and want to use it confidently every day.
- Professionals taking over New Relic work on a live project.
- Teams agreeing on a common way of working with New Relic.

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Understand APM and observability, set up a New Relic account and instrument Java, PHP, .NET and Docker applications with agents.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ESSENTIAL

# New Relic Essential Training agenda

26 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

## DAY 1 — Foundation: APM and observability concepts, agent installation

Included from Foundation

1. Introduction and overview of New Relic: what is application performance management and why it is needed
2. What is application performance: response time, throughput, errors and user satisfaction
3. APM benefits and selection criteria: why New Relic for APM, what New Relic APM is and how it works
4. Observability fundamentals: definitions, importance, metrics, logs and traces and observability versus monitoring
5. New Relic architecture and terminology: agents, entities, accounts, ingest and the NRDB telemetry database
6. Understanding transactions and transaction traces: web and non-web transactions and trace segments
7. Register a New Relic account: free tier sign-up, license and user keys and guided install
8. Installing a Java agent to monitor your Java application: javaagent flag and first data
9. PHP and .NET agents: installing a PHP agent and the New Relic agent for .NET Framework applications
10. Docker agent: installing a Docker-based agent to monitor your Docker-based application
11. Configuration settings: newrelic.yml and agent settings such as app name, logging and environment variables
12. Monitoring using New Relic: view your applications index, the APM overview page and agent-specific UI
13. First look at data: New Relic default graphs for throughput, response time and error rate

## DAY 2 — Essential: APM dashboards, diagnostics and alerting

**New at this level**

14. Working with the New Relic dashboard: understanding transactions, the transactions page and the transaction map
15. Understanding Apdex: calculating and setting the Apdex threshold for each service
16. Throughput and protection: understanding throughput and the agent circuit breaker
17. Understanding and configuring service maps: upstream and downstream dependencies
18. Understanding and configuring JVM monitoring: heap, garbage collection and thread metrics
19. Understanding error analytics and violations: errors inbox, stack traces and error grouping
20. Databases and slow queries: viewing slow query details and the external services page
21. New Relic APM data in infrastructure: linking application entities to their hosts
22. Understanding and configuring deployments: change tracking and assessing the quality of application deployments
23. Diagnostics: thread profiler, deep dive into transaction traces and profiling with New Relic
24. Creating and managing alerts: policies, conditions, thresholds and notification workflows
25. Incidents: working with incidents, acknowledging and closing them and sending New Relic alerts to Slack
26. Team workflow: workloads, tags and shared dashboards for application teams

PRACTICE

# Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

**Instrument your first applications**

Create a New Relic account, install the Java and PHP agents on demo apps and confirm transactions in the APM overview page.

ESSENTIAL

**Diagnose a slow application**

Use Apdex, transaction traces, slow queries and error analytics to find a bottleneck, then alert on it in Slack after a deployment.

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 | All four New Relic levels, plus 20+ more courses and 50+ tools, at your own pace. | **INR 833/month** billed yearly at INR 9,996 |
| **Corporate (day-wise)** | 2 days for this level | A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative). | **Quote on request** |

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. 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 NEW RELIC 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 levels of this course: www.devopsschool.com/courses/newrelic/


ENROL OR RESERVE A SEAT
**New Relic Essential Training**

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**Next step after this level: New Relic Intermediate Training** - Extend APM with custom data, cross-application tracing and reports, and monitor hosts, web servers, databases and containers.