DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Grafana Essential Training

Connect metrics, logs and traces data sources and build clear dashboards with the right visualizations, transformations and overrides.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **2 days · Days 1-2**	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**

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	27 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/grafana/grafana-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 Grafana course path, you will be able to:

1

Build insightful dashboards

Turn metrics, logs and traces from many data sources into clear, dynamic Grafana dashboards.

2

Alert on what matters

Create Grafana-managed alert rules with contact points, notification policies and silences.

3

Administer Grafana securely

Configure SSO, permissions, provisioning, high availability and Enterprise features for teams.

WHAT THE ESSENTIAL LEVEL ADDS

Data sources, panels, visualizations and dashboards

Hands-on: Build a metrics, logs and traces dashboard. Connect Prometheus, Loki and Tempo, then build a service dashboard with stat, time series and table panels, transformations, thresholds and annotations.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Install Grafana on Linux, Windows, macOS or Docker, understand how it works and build a first dashboard from Prometheus or SQL.
- 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

Grafana Essential Training agenda

27 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: Concepts, architecture, installation and first dashboard

Included from Foundation

1. Introduction and overview: what is Grafana, why do we need it and where it fits in the observability stack
2. Pros, cons and comparisons: advantages and disadvantages of Grafana and comparing Grafana with Kibana and Datadog
3. How Grafana works: Grafana architecture of server, backend database, data source plugins and query flow
4. Installation requirements: supported systems and browsers and SQLite, MySQL or PostgreSQL backends
5. Install on Debian/Ubuntu and RPM-based Linux: APT and YUM repositories and the systemd service
6. Install on Windows and macOS: Windows installer, Homebrew and standalone binaries
7. Run Grafana Docker image: grafana/grafana, volumes, environment variables and Docker Compose
8. Getting started with Grafana: first login, change your password and preferences, change the default home dashboard
9. Getting started with Grafana and Prometheus: adding Prometheus and building a first PromQL panel
10. Getting started with Grafana and MS SQL Server: connecting a SQL data source and time series queries
11. Time series concepts: time series dimensions, labels and aggregation, histograms and heatmaps
12. Glossary: data source, dashboard, panel, query, transformation, organization and folder
13. TestData: the built-in data source for learning and testing panels

DAY 2 — Essential: Data sources, panels, visualizations and dashboards

New at this level

14. Data sources in Grafana: add data source, PostgreSQL and Prometheus configuration and query editors
15. Cloud data sources: AWS CloudWatch, Google Cloud Monitoring and Azure Monitor authentication and queries
16. Logs data sources: Elasticsearch and Loki with LogQL queries
17. Time series databases: Graphite, InfluxDB and OpenTSDB data sources
18. Tracing data sources: Jaeger, Tempo and Zipkin with trace view and trace-to-logs links
19. SQL data sources: Microsoft SQL Server and MySQL with macros such as $__timeFilter
20. Panels in Grafana: add a panel, the panel editor, queries and visualizations such as time series, stat, gauge, table
21. Calculations list and thresholds: reducers such as last, mean and max and colour thresholds
22. Transformations: join, merge, organize fields, group by, add field from calculation and filter by value
23. Field options and overrides: units, decimals, min and max, value mappings and per-series overrides
24. Inspect a panel and share query results: panel inspector data, query statistics and CSV download
25. Dashboards and Explore in Grafana: Explore for ad hoc queries, split view, logs and traces
26. Dashboard organization: dashboard folders, search, keyboard shortcuts, time range controls and playlists
27. Annotations: manual and query-based annotations on time series panels

PRACTICE

Hands-on labs

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

FOUNDATION

Install Grafana and build a dashboard

Run Grafana and Prometheus with Docker Compose, add Prometheus as a data source and build a first dashboard of host metrics.

ESSENTIAL

Build a metrics, logs and traces dashboard

Connect Prometheus, Loki and Tempo, then build a service dashboard with stat, time series and table panels, transformations, thresholds and annotations.

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 Grafana 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 GRAFANA 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/grafana/

ENROL OR RESERVE A SEAT **Grafana Essential Training**	WHATSAPP · INDIA **+91 99057 40781**
WHATSAPP · USA **+1 (469) 756-6329**	EMAIL **contact@DevOpsSchool.com**

Next step after this level: Grafana Intermediate Training - Make dashboards dynamic and reusable with variables and links, share and version them, and alert on what matters.