DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Elastic Logstash Kibana ELK Essential Training

Build Logstash pipelines that parse and enrich logs, then explore them in Discover and Lens and share dashboards with your team.

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	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/elastic/elastic-logstash-kibana-elk-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 Elastic Logstash Kibana ELK course path, you will be able to:

1

Ingest any log source

Collect, parse and enrich logs from files, syslog, databases and applications with Logstash and Beats.

2

Turn logs into insight

Search, visualize and alert on log data with Kibana Discover, Lens, dashboards and rules.

3

Operate ELK at scale

Secure, troubleshoot, scale and upgrade a production ELK platform with high availability.

WHAT THE ESSENTIAL LEVEL ADDS

Logstash pipelines, Kibana visualizations and dashboards

Hands-on: Parse web logs into a dashboard. Write a Logstash pipeline with grok, date and geoip filters for Nginx logs, then build a Kibana dashboard of traffic, status codes and visitor locations.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Explain how Elasticsearch, Logstash and Kibana fit together, install the stack and index, search and view your first data.
- 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

Elastic Logstash Kibana ELK 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: ELK concepts, installation and first data

Included from Foundation

1. Introduction to ELK Stack: overview of Elasticsearch, Logstash and Kibana and how data flows between them
2. Use cases and applications of ELK Stack: log analytics, application monitoring, security analytics and site search
3. Comparison with other log management tools: Splunk, Graylog, Grafana Loki and OpenSearch
4. Elastic Stack 8.x and 9.x today: security on by default, Beats and Elastic Agent, self-managed versus Elastic Cloud
5. Setting up the environment for Elasticsearch: bundled JDK, heap size, vm.max_map_count and file descriptors
6. Installing Elasticsearch on different operating systems: Windows zip, macOS tar.gz, Linux deb and rpm, Docker
7. Configuring Elasticsearch cluster and nodes: elasticsearch.yml, cluster.name, node.name, network.host, discovery.seed_hosts
8. Installing and configuring Kibana: kibana.yml, enrollment token, connecting to Elasticsearch, first login
9. Overview of Kibana and its features: Discover, Dashboards, Lens, Dev Tools console and Stack Management
10. Creating and managing indices: index settings, shards, replicas, listing and deleting indices
11. Indexing and updating documents: PUT and POST _doc, partial updates with _update, _bulk loading
12. Searching data with basic queries: match, term and range queries and KQL in Discover
13. Introduction to Logstash: overview of its components (inputs, filters, outputs) and a first stdin to stdout pipeline

DAY 2 — Essential: Logstash pipelines, Kibana visualizations and dashboards

New at this level

14. Setting up a Logstash pipeline: configuring Logstash to process and transform data, pipelines.yml, auto reload
15. Configuring Logstash inputs for different data sources: file, syslog, beats, jdbc database and http
16. Applying filters for transformation and enrichment: grok, dissect, mutate, date, geoip and translate
17. Logstash outputs: elasticsearch output with index naming and data streams, stdout rubydebug for debugging
18. Ingesting log data into Elasticsearch using Logstash: hands-on with Nginx and application log files
19. Searching data using advanced queries: bool, multi_match, wildcard and aggregations in the Query DSL
20. Exploring and analyzing data using Kibana Discover: data views, field statistics, filters and saved searches
21. Kibana Lens: drag-and-drop analysis, breakdowns, formulas and quick chart switching
22. Creating and managing Kibana visualizations: bar, line, area, pie, metric, table and map charts
23. Building and managing dashboards: panels, controls, time filters, drilldowns and sharing links
24. Visualizing and analyzing data in Kibana: hands-on dashboard for web traffic, errors and response times
25. Exploring different visualization options and plugins: TSVB, Vega, Maps and Canvas
26. Using ELK for log analysis and application monitoring: error spikes, slow requests and log correlation

PRACTICE

Hands-on labs

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

FOUNDATION

Stand up a single-node ELK stack

Install Elasticsearch and Kibana, index and search a small demo dataset from Dev Tools, then run a first Logstash pipeline that prints parsed events.

ESSENTIAL

Parse web logs into a dashboard

Write a Logstash pipeline with grok, date and geoip filters for Nginx logs, then build a Kibana dashboard of traffic, status codes and visitor locations.

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 Elastic Logstash Kibana ELK 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 ELASTIC LOGSTASH KIBANA ELK 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/elastic/

ENROL OR RESERVE A SEAT
Elastic Logstash Kibana ELK Essential Training

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Next step after this level: Elastic Logstash Kibana ELK Intermediate Training - Add alerting, integrate ELK with other tools, secure users and indices and diagnose problems in Elasticsearch, Logstash and Kibana.