DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Fluentd Essential Training

Transform, buffer and deliver logs reliably to Elasticsearch, OpenSearch, S3 and other destinations with Fluentd.

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	24 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/fluentd/fluentd-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 Fluentd course path, you will be able to:

1

Build unified logging pipelines

Collect, parse, enrich and route logs from servers and applications with Fluentd.

2

Centralise Kubernetes logs

Run Fluentd and Fluent Bit on Kubernetes with metadata, secure forwarding and per-team routing.

3

Operate logging at scale

Tune, monitor and govern highly available Fluentd pipelines for high-volume production use.

WHAT THE ESSENTIAL LEVEL ADDS

Filters, buffering, outputs and log enrichment

Hands-on: Ship enriched logs to OpenSearch. Parse multiline application logs, enrich them with environment fields, buffer to disk and deliver them to OpenSearch and S3 with retries.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Understand the Fluentd unified logging layer, install it and build a first pipeline that collects and routes logs.
- 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

Fluentd Essential Training agenda

24 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: Unified logging concepts, installation and first pipeline

Included from Foundation

1. Logging fundamentals: why centralised logging, structured versus unstructured logs and the unified logging layer
2. What Fluentd is: CNCF graduated log collector written in Ruby and C, plugin ecosystem and common use cases
3. Fluentd versus Fluent Bit: footprint, plugin coverage and the forwarder and aggregator split
4. Event model: tag, time and record, and how events flow from input to output
5. Installation: fluent-package (successor to td-agent) on Linux, the Docker image and gem install
6. Service management: systemctl for fluentd, default config path /etc/fluent/fluentd.conf and log files
7. Configuration directives: source, match, filter, system, label and @include
8. Input plugins: in_tail for files, in_forward, in_http and in_syslog
9. Output plugins: out_stdout, out_file and out_forward
10. Tag routing: match patterns with single and double wildcards, brace alternatives and match order
11. Parsing basics: parse sections with json, regexp, apache2, nginx and none parsers
12. First example: tail an application log, parse it as JSON and write it to stdout and a file

DAY 2 — Essential: Filters, buffering, outputs and log enrichment

New at this level

13. Filter plugins: grep for include and exclude, record_transformer for adding and removing fields
14. Parser and formatter plugins: filter_parser, format sections, ltsv, csv and single_value
15. Multiline logs: multiline parser for stack traces, format_firstline and concat plugin
16. Time handling: time_key, time_format, time zones and keeping original timestamps
17. Buffering: memory and file buffers, chunk_limit_size, total_limit_size and flush_interval
18. Retries and errors: retry_wait, retry_max_interval, retry_forever, secondary outputs and @ERROR label
19. Output destinations: Elasticsearch and OpenSearch plugins, S3, Kafka (out_kafka2) and Loki
20. Plugin management: fluent-gem install, plugin versions and checking with fluentd --dry-run
21. Labels and relabel: grouping pipelines with @label and the relabel output
22. Enrichment: adding hostname, environment and service fields, geoip lookups
23. Copy and fan-out: out_copy to send events to several destinations
24. Team workflow: config in Git, @include structure and environment-specific values

PRACTICE

Hands-on labs

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

FOUNDATION

Build your first Fluentd pipeline

Install fluent-package, tail an NGINX access log, parse each line and route the events to stdout and a rotated file.

ESSENTIAL

Ship enriched logs to OpenSearch

Parse multiline application logs, enrich them with environment fields, buffer to disk and deliver them to OpenSearch and S3 with retries.

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 Fluentd 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 FLUENTD 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/fluentd/

ENROL OR RESERVE A SEAT
Fluentd Essential Training

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Next step after this level: Fluentd Intermediate Training - Collect Kubernetes logs with Fluentd, build forwarder and aggregator tiers, secure the transport and troubleshoot delivery.