DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Nginx Foundation Training

Install NGINX on Linux or Windows, serve a site over HTTPS with Let's Encrypt and put a simple reverse proxy and load balancer in front of apps.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **1 day · Day 1**
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 — 1 day · This curriculum

Essential — 2 days · Next step

Intermediate — 3 days · Later

Advanced — 5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	14 topics · Foundation
Hands-on labs	1 lab
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/nginx/nginx-foundation-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 Nginx course path, you will be able to:

1

Configure NGINX confidently

Build virtual hosts, locations, rewrites, logging and PHP or app server integrations.

2

Proxy and balance traffic

Run NGINX as a reverse proxy, cache and load balancer for HTTP, WebSocket, gRPC and TCP.

3

Secure and tune performance

Harden NGINX with TLS, access control and a WAF and tune it for high traffic.

WHAT THE FOUNDATION LEVEL ADDS

Installation, HTTPS, access basics and reverse proxy

Hands-on: Secure site behind a reverse proxy. Install NGINX from the official repository, issue a Let's Encrypt certificate, protect an admin path with basic auth and rate limits, and balance two app servers.

WHO SHOULD ATTEND

- Beginners and working professionals who are new to Nginx and want a solid, hands-on start.
- Engineers, analysts, testers and students preparing to use Nginx on real work.
- Leads and managers who want first-hand familiarity with Nginx.

BEFORE YOU START

- No prior Nginx experience is needed.
- 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

Nginx Foundation Training agenda

14 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: Installation, HTTPS, access basics and reverse proxy

New at this level

1. Overview: introduction, about NGINX and its event-driven design, NGINX vs Apache, knowledge check
2. Server overview and installing with a package manager: nginx.org stable and mainline repositories versus distro packages
3. Building NGINX from source and adding modules: configure flags, make and make install
4. Adding an NGINX service: systemd unit and the older init service script, start, stop and reload
5. NGINX for Windows: installation, running as a process and its limitations
6. First website: default configuration, nginx -t, reload and serving a static index page
7. HTTPS (SSL): certificate and key, listen 443 ssl and redirecting HTTP to HTTPS
8. Let's Encrypt SSL certificates: certbot with the nginx plugin and automatic renewal
9. Rate limiting: limit_req_zone, burst and protecting login pages
10. Basic auth: htpasswd files and auth_basic on a protected location
11. Hardening NGINX: server_tokens off, removing unused modules, request size limits and security knowledge check
12. Reverse proxy and load balancing: prerequisites, proxy_pass to an app and an upstream load balancer
13. Load balancer options: round robin, ip_hash, backup servers, documentation and resources
14. Video streaming: mp4 and flv pseudo-streaming modules for media delivery

PRACTICE

Hands-on labs

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

FOUNDATION

Secure site behind a reverse proxy

Install NGINX from the official repository, issue a Let's Encrypt certificate, protect an admin path with basic auth and rate limits, and balance two app servers.

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 Nginx levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	1 day 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 NGINX 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/nginx/

ENROL OR RESERVE A SEAT
Nginx Foundation Training

WHATSAPP · INDIA
+91 99057 40781

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+1 (469) 756-6329

EMAIL
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Next step after this level: Nginx Essential Training - Write clean NGINX configuration with server and location blocks, rewrites, logging and PHP-FPM, and tune workers, buffers, caching and HTTP/2.