DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Perl Essential Training

Process real text with regular expressions, operators and built-in functions, and structure scripts with reusable subroutines.

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/perl/perl-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 Perl course path, you will be able to:

1

Write idiomatic modern Perl

Write strict, warning-clean Perl that uses scalars, arrays, hashes, references and regular expressions idiomatically.

2

Automate text and systems

Automate log parsing, file processing and system tasks with reusable, documented and tested Perl modules.

3

Run Perl in production

Build, secure, profile and deploy database-backed Perl web services and modernise legacy Perl code.

WHAT THE ESSENTIAL LEVEL ADDS

Operators, regular expressions, subroutines and built-ins

Hands-on: Summarise a web server access log. Parse an Apache or Nginx access log with regular expressions, aggregate hits per URL and status code in hashes, and print a sorted report.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Install Perl, write and run your first scripts, and use variables, conditionals and loops with confidence.
- 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

Perl 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: Perl setup, syntax, variables and control flow

Included from Foundation

1. Perl today: Perl 5.40 and 5.42 releases, where Perl is used for text processing, sysadmin, bioinformatics and web back ends
2. Installation: system Perl vs perlbrew or plenv, Strawberry Perl on Windows, perl -v, perl -e and perl -ne one-liners
3. Quick start for experienced programmers: Hello World, counting lines in a file, a first loop and a first subroutine
4. Using Perl's documentation: perldoc, perlintro, perlfunc, perldoc -f for functions and perldoc -q for the FAQ
5. General syntax: how Perl uses whitespace, terminating statements with semicolons, creating comments
6. Formatting best practices: use strict, use warnings, consistent indentation and perltidy
7. Values and variables: scalars and sigils, declaring numeric and character string variables, interpolation
8. Lists and arrays: declaring lists and arrays, indexing, push/pop/shift, pulling slices from arrays
9. Hashes: associative arrays, keys and values, getting value pairs with each, exists, delete and the undef value
10. Statements and blocks: assigning values, statements vs expressions, combining statements into blocks, understanding scope
11. Conditionals: if, else, elsif, postfix conditionals, negative conditionals with unless, the ternary operator
12. Loops: while, until, iterating lists with foreach and for, loop control with last, next and redo, postfix loops

DAY 2 — Essential: Operators, regular expressions, subroutines and built-ins

New at this level

13. Special variables: $_, @ARGV, %ENV, $0, $! and $@, and using special variables safely
14. Special file handles and constants: STDIN, STDOUT, STDERR, __FILE__, __LINE__, __DATA__ and __END__
15. Arithmetic and comparison operators: basic math, numeric vs string comparison (== vs eq, <=> vs cmp)
16. Logical operators: combining conditionals with &&, ||, //, and, or, not, and short-circuit defaults
17. File test operators: reading file metadata with -e, -f, -d, -r, -s, -M and stat
18. Range, concatenation and quote operators: .. sequences, . and x on strings, q, qq, qw and heredocs
19. Operator precedence: the precedence table, parentheses and common bugs with or vs ||
20. Regular expressions: understanding m//, searching and replacing text with s///, modifiers i, g, x and s
21. Regex captures: extracting matches with parentheses, wildcards, matching classes of characters, named captures
22. split and join: creating arrays with split, parsing delimited and whitespace-separated input
23. Subroutines: defining and calling, arguments via @_ and signatures, returning values in list and scalar context
24. Scope and my variables: lexical my, our and local, and why lexical scope prevents bugs
25. Built-in string and number functions: length, substr, index, sprintf, lc, uc, int, abs, sqrt and rand
26. List and time functions: sort, reverse, map, grep, join; retrieving and formatting time with localtime and strftime

PRACTICE

Hands-on labs

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

FOUNDATION

Write a log line counter

Build a script that reads a text file, counts total, blank and matching lines with loops and conditionals, and prints a summary.

ESSENTIAL

Summarise a web server access log

Parse an Apache or Nginx access log with regular expressions, aggregate hits per URL and status code in hashes, and print a sorted report.

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 Perl 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 PERL 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/perl/

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Perl Essential Training

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Next step after this level: Perl Intermediate Training - Build maintainable Perl modules with references, robust file handling, CPAN dependencies, POD documentation and automated tests.