DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Ruby Foundation Training

Install Ruby, explore it in irb, and write programs with variables, methods, flow control, strings, regular expressions and collections.

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	Essential	Intermediate	Advanced
1 day · This curriculum	2 days · Next step	3 days · Later	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/ruby/ruby-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 Ruby course path, you will be able to:

1

Write idiomatic Ruby

Write clean, object-oriented Ruby using classes, modules, blocks and the standard library.

2

Build reusable Ruby code

Use procs, lambdas, mixins and metaprogramming to create expressive, flexible APIs.

3

Ship Ruby to production

Test, debug, package, tune and publish Ruby gems and applications.

WHAT THE FOUNDATION LEVEL ADDS

Ruby setup, syntax, flow control and standard types

Hands-on: Write a text statistics script. Read a text file, count words and lines with hashes, arrays and regular expressions, and print a sorted report using iterators and blocks.

WHO SHOULD ATTEND

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

BEFORE YOU START

- No prior Ruby 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

Ruby 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: Ruby setup, syntax, flow control and standard types

New at this level

1. An introduction to Ruby: overview, a 10,000 ft view of Ruby, everything is an object and where Ruby is used
2. Installing Ruby: rbenv, asdf or RubyInstaller on Windows, current Ruby 3.x releases and ruby -v
3. Interactive shell demo: irb, evaluating expressions and getting help with ri
4. IDE options: RubyMine demo and VS Code with the Ruby LSP extension
5. Variables, nil, methods and scope: local, instance and global variables, nil and defining methods
6. Flow control, operators and comments: operator basics, comments and useful methods such as puts, p, gets and inspect
7. Branching: if, elsif, unless, statement modifiers and conditional initialization with ||=
8. Case statement: flow control using and/or, and case with ranges, classes and pattern matching
9. Looping constructs: while, until, for and loop; looping with iterators and blocks such as each and times
10. Controlling loop flow: break, next and redo; throw and catch
11. Standard types: booleans, numbers (Integer, Float, Rational) and symbols
12. Strings: string operators and methods, interpolation and frozen string literals
13. Regular expressions: =~, match, scan, gsub and named captures
14. Collections: arrays, hashes, ranges, Enumerable methods and parallel assignment

PRACTICE

Hands-on labs

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

FOUNDATION

Write a text statistics script

Read a text file, count words and lines with hashes, arrays and regular expressions, and print a sorted report using iterators and blocks.

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 Ruby 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 RUBY 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/ruby/

ENROL OR RESERVE A SEAT
Ruby Foundation Training

WHATSAPP · INDIA
+91 99057 40781

WHATSAPP · USA
+1 (469) 756-6329

EMAIL
contact@DevOpsSchool.com

Next step after this level: Ruby Essential Training - Design object-oriented Ruby with classes, inheritance, visibility and equality, and handle errors robustly with exceptions.