DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Css Advanced Training

Deliver responsive, maintainable production CSS with Flexbox, Grid, media and container queries, custom properties and cascade layers.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	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 · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	56 topics · Foundation to Advanced
Hands-on labs	4 labs
Formats and fees	Live, 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/css/css-advance-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 Css course path, you will be able to:

1

Style any page confidently

Use selectors, the box model, typography and colour to turn plain HTML into consistent, readable pages.

2

Build responsive layouts

Create layouts that adapt from phone to desktop with Flexbox, Grid, media queries and container queries.

3

Write maintainable production CSS

Organise stylesheets with custom properties, cascade layers and naming conventions, and add accessible motion and effects.

WHAT THE ADVANCED LEVEL ADDS

Responsive layout, modern CSS and architecture

Hands-on: Ship a responsive themeable landing site. Build a mobile-first site using Grid and Flexbox, container queries, custom-property themes with dark mode and cascade layers, then audit it in DevTools.

WHO SHOULD ATTEND

- Experienced Css practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Css solutions.
- Teams making Css an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Add polished CSS3 effects: gradients, shadows, transforms, transitions and keyframe animations, plus reusable image, button and tooltip components.
- 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 ADVANCED

Css Advanced Training agenda

56 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: Syntax, selectors, box model and typography

Included from Foundation

1. CSS fundamentals: what CSS is, why use CSS, rule syntax (selector, property, value), single-line and multi-line comments
2. Adding CSS: external, internal and inline styles, cascade order, specificity basics and inspecting rules in browser DevTools
3. Basic selectors: element, id, class, universal and grouping selectors
4. Colors: color names, color values in RGB, RGBA, HEX, HSL and HSLA; background, text and border colors
5. Backgrounds: background-color, opacity and RGBA transparency, background-image, background-repeat and no-repeat, position, attachment
6. Borders: border-style, border-width and border-color for specific sides, individual sides, shorthand, left and bottom borders, rounding
7. Margin and padding: individual sides, shorthand, the auto and inherit values, margin collapse, padding and element width
8. Sizing: height and width values, setting max-width, centering blocks with width, max-width and margin: auto
9. Box model: content, padding, border and margin; width and height of an element, with and without box-sizing: border-box
10. Outline: outline-style, outline-width, outline-color, outline shorthand and outline-offset versus border
11. Text: text color with background color, alignment, direction, vertical-align, text-decoration, text-transform, text-shadow
12. Text spacing: text-indent, letter-spacing, line-height, word-spacing and white-space handling
13. Fonts: font-family, web-safe fonts and fallbacks, font-style, font-size, Google Fonts, font pairing and the font shorthand
14. Icons: how to add icons with Font Awesome, Bootstrap Icons and Google Material icons, sizing and colouring them

DAY 2 — Essential: Layout flow, positioning, navigation and forms

Included from Essential

15. Links: styling link states (link, visited, hover, active), link background colors and link buttons
16. Lists and counters: item markers, image markers, marker position, removing defaults, list-style shorthand, colours, automatic numbering
17. Tables: table borders and border-collapse, table size, alignment, striped and hover table style, responsive tables with overflow-x
18. Display and overflow: override the default display value, inline-block nav links, overflow visible, hidden, scroll, auto, overflow-x/-y
19. Positioning: position static, relative, fixed, absolute and sticky, z-index stacking and positioning text in an image
20. Float and clear: float and clear with float examples, the clearfix hack, left and right alignment using position or float
21. Centering: center align elements, text and images; center vertically using padding, line-height, position and transform, or flexbox
22. Combinators and attribute selectors: descendant, child, adjacent and general sibling; [attribute], =, ~=, |=, ^=, $= and substring matching

23. Pseudo-classes and pseudo-elements: anchor pseudo-classes, :hover, :focus, :first-child, ::first-line, ::first-letter, ::before, ::after
24. Vertical navigation bars: navbar as a list of links, active/current link, centered links with borders, full-height fixed vertical navbar
25. Horizontal navigation bars: inline or floating list items, right-aligned links, border dividers, fixed, gray and sticky navbars
26. Dropdowns: basic dropdown, hoverable dropdown menu and right-aligned dropdown content
27. Forms: padded, bordered, colored, focused inputs, input with icon/image, animated search, textareas, selects, buttons, responsive form
28. Website layout: header, navigation bar, content area, unequal columns, footer and responsive website layouts

DAY 3 — Intermediate: Visual effects, motion and UI components

Included from Intermediate

29. Rounded corners and border images: border-radius with each corner specified, border-image property and different slice values
30. Advanced backgrounds: multiple backgrounds, background-size per image, full-size and hero images, background-origin, background-clip
31. Gradients: linear (direction, diagonal, angles, color stops, rainbow, transparency, repeating); radial (stops, shape, sizes, repeating)
32. Shadows: text-shadow, multiple shadows, box-shadow property and card components
33. Text effects and web fonts: text-overflow, word-wrap, word-break, writing-mode; the @font-face rule, font formats (WOFF2), bold faces
34. Transforms: 2D translate(), rotate(), scale(), scaleX(), scaleY(), skew(), skewX(), skewY(), matrix(); 3D rotateX(), rotateY(), rotateZ()
35. Transitions: transition shorthand, transition-property, transition-duration, transition-delay and transition-timing-function
36. Animations: @keyframes, animation-name, -duration, -delay, -iteration-count, -direction, -timing-function, -fill-mode, animation shorthand
37. Tooltips: basic tooltip, positioning right, left, top and bottom, tooltip arrows on each side, fade-in tooltips with animation
38. Styling images: rounded, thumbnail, responsive and polaroid card images, image text, filters, hover overlay, flip an image, image modal
39. Image fit and opacity: object-fit fill, contain, cover, none, scale-down; transparent image, hover effect and box, text in a transparent box
40. Image galleries and sprites: responsive image gallery, image sprites for a navigation list and sprite hover effects
41. Buttons: colors, sizes, rounded, colored borders, hover, shadow, disabled, width; bordered and vertical groups, button on image, animated
42. Pagination and breadcrumbs: simple, active and hoverable, rounded, transition effect, bordered, spaced, sized, centered; breadcrumbs

DAYS 4-5 — Advanced: Responsive layout, modern CSS and architecture

New at this level

43. Responsive web design: what responsive design is, the viewport meta tag, mobile-first breakpoints and fluid units (rem, vw, clamp())
44. Media queries: CSS2 media types, CSS3 media queries, syntax, min-width to max-width ranges, orientation portrait/landscape

45. Media query patterns: responsive menus and columns, hiding elements, changing font size, flexible image gallery and flexible website
46. Flexbox container: layout module, flex-direction, flex-wrap, flex-flow, justify-content, align-items, align-content, perfect centering
47. Flex items: order, flex-grow, flex-shrink, flex-basis, flex shorthand and align-self
48. Responsive flexbox: responsive flex layouts, responsive image gallery and responsive website using flexbox
49. CSS Grid: grid tracks for columns and rows, fr units, gap, named grid areas, repeat(auto-fit, minmax()) and subgrid
50. Multi-column and user interface: column-count, column-gap, column-rule (style, width, color), column-span, column-width, resize
51. CSS variables: var() syntax versus the old way, how var() works, local overrides of globals, changing with JavaScript, in media queries
52. Modern selectors and features: :is(), :where(), :has(), native CSS nesting, container queries with @container and container units
53. Cascade architecture: @layer cascade layers, specificity management, BEM naming, utility classes and design tokens as custom properties
54. Accessibility and performance: :focus-visible, prefers-reduced-motion, prefers-color-scheme dark mode, critical CSS, avoiding reflows
55. Tooling and compatibility: Sass or PostCSS, Autoprefixer, Stylelint, @supports feature queries and testing across browsers
56. Capstone: build and audit a fully responsive multi-page site with a themeable design system and dark mode

PRACTICE

Hands-on labs

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

FOUNDATION

Style a personal profile page

Build an external stylesheet for a one-page profile that sets a colour palette, fonts, spacing, borders and icons using only basic selectors.

ESSENTIAL

Build a multi-section business homepage

Lay out a homepage with a sticky horizontal navbar, dropdown menu, two-column content area, styled data table, contact form and footer.

INTERMEDIATE

Create an animated product showcase

Build a product card grid with gradient hero, shadows, hover transforms, keyframe animations, tooltips, button groups and pagination.

ADVANCED

Ship a responsive themeable landing site

Build a mobile-first site using Grid and Flexbox, container queries, custom-property themes with dark mode and cascade layers, then audit it in DevTools.

HOW YOU CAN LEARN

Formats and fees

The same agenda in three 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**
Self-paced video	1-year LMS access	All four Css levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative). 1:1 training is also available on demand.	**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 CSS 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. Corporate and 1:1 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/css/

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