

## Comprehensive & Immersive ColdFusion Development

**Length:** 5 Days

**Summary:** ColdFusion Development provides ColdFusion application developers with the knowledge and hands-on practice that they need to build, maintain, and scale effective web applications. This course is designed to teach Participants how to Architect a secure, robust, scalable, and maintainable web application using best practices. Participants will learn how to use a single platform to rapidly build and deploy web and mobile applications. Leverage unique capabilities for end-to-end mobile application development. Generate high-quality PDFs, and make Participants server more secure with default server lockdown.

### Course Benefits

- Setting Up ColdFusion development environment
- Using Dreamweaver and CFEclipse
- Publishing dynamic data using ColdFusion tags
- Reusing common code
- Building forms with ColdFusion
- Building search interfaces
- Incorporating JavaScript to perform client-side validation
- Securing Web pages
- Introduction to Components (CFC's)
- Manipulating Lists and Queries
- Manipulating Data with Arrays and Structures
- Advanced ColdFusion Component Concepts
- Handling Errors and Exceptions
- Code and Content Reuse
- Working with PDF forms in ColdFusion
- Data and File Manipulation in ColdFusion
- Performance, Scalability, and Robustness

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## COURSE CONTENT

1. Dynamic HTML generation
2. CFML and ColdFusion
3. ColdFusion Administrator
4. ColdFusion datasources
5. Eclipse and ColdFusion Builder
6. Creating a project and Students first application
7. Debugging applications
8. Advanced features
9. Creating ColdFusion variables
10. Working with forms
11. Conditional statements
12. Publishing Database Content
13. Working with lists, Arrays, structures
14. ColdFusion Components
15. Introduction to Object Oriented ColdFusion
16. The Application Framework
17. Using specialty CF tags (cfmap, cfspreadsheet, cfimage, cfmediaplayer, cfprogressbar, cfmessagebox)
18. The impact of locking for concurrency
19. Associating data with components
20. Referencing CFC Properties
21. Documenting CFC Properties
22. Using onMissingTemplate()
23. Image Processing Functions RSS Feeds in ColdFusion using
24. Consuming RSS Feeds
25. Creating RSS Feeds
26. Creating Dynamic Multimedia Presentations with
27. Creating ZIP files with
28. Understanding performance, robustness, and scalability
29. Effectively configuring the ColdFusion server
30. Identifying scalability bottlenecks in Students code
31. Using the ColdFusion Server Monitor to identify bottlenecks
32. Caching recordsets



- 33. Using to cache generated page contents
- 34. Caching entire page results
- 35. Using asynchronous processes to improve performance using

