**ColdFusion Programming**

**Introduction**

ColdFusion Programming is the most rapid web application building platform of Adobe with powerful and expressive characteristics. It handles all the CFML ( ColdFusion Markup Language ) Pages and libs. Its Expressive property allows the user to perform difficult programming task rapidly and its powerful property allow you to integrate with its functionalities like an exchange of MS excess, Database access, create PDF & Spreadsheets, connect to many servers via POP, LDAP, FTP, and IMAP. It is also comparable to ASP.NET and PHP. The ColdFusion Markup Language CFML is a mixture of both HTML and XML tags. It runs on Linux, Windows, HP/UX, and Solaris.

**What Is ColdFusion?**

ColdFusion is the RAD Platform (Rapid Application Development Language ) to create and deploy many high-level solutions that integrate Database, Server platform, and Browser. It uses Tags base ( HTML or XML tags ) and other server scripting languages for the web applications. ColdFusion doesn’t need any browser plug-ins as it runs entirely on its server. It is an up-to-date programming language that helps to improve all website applications.

ColdFusion uses CF tags with object-oriented functionalities. CF contains the main two elements - ColdFusion Files which we write with the help of (CFML ) ColdFusion Markup Language and ColdFusion Server.

**Background**

In 1995, ColdFusion was developed by Allaire Brothers and later Macromedia purchased CF Platform. It was similar to the web languages that let us build a website and display data on web pages. In the early days, ColdFusion Programming was not advanced but it was the easiest, simple programming language. ColdFusion became the reason behind the development of ASP by Microsoft. ColdFusion became much familiar for HTML Programmer because of tag-based usage in ColdFusion Programming language.

**Why learn ColdFusion Programing**

* **ColdFusion is Powerful Programming Language:** You can build large and startup websites with many powerful characteristics like the building of CRUP App, the Security app, deliver emails, create PDF, import Spreadsheets, send web forms and write blog engine.
* **ColdFusion is Easy to Learn:** In ColdFusion, you can build a website and other applications rapidly. ColdFusion is designed according to RAD ( Rapid Application Development ). It also uses two syntax- script and tag. In CF Programming, we don’t have to use baloney whitespace, which makes a new user learn CF Programming language in no time.
* **Great Security:** ColdFusion Programing language breaks down all the security risks and potential threats into two main scales- Priority scale and Severity Scale. You should deploy below practices while securing your CF language- wite in security, verify code compliance, learn basic CF, Backup regularly and update your CF Platform.

**Advantages of CF Programing Language**

Today, we need to develop the best performance-driven and scalable web applications. It depends mainly on the performance of its Programming Language. Nowadays, most of the programmers rely mostly on ColdFusion as it is popular Dynamic Programming Language with many functional advantages and easy coding tags. Below are some of the advantages of ColdFusion Programming:

* Benefits of CF Programing Language
* Best Performance and Easy Integration
* High Runtime Performance
* User Interface Elements
* Regular Updates
* Comprehensive Application
* Reusable and Transferrable codes
* Security**Job Description For ColdFusion Developer**

CF Developer should have knowledge of HTML, CSS, jQuery, JSON, and XML Programming language. He/ she know how to troubleshoot, debug, proof and test code. Sometimes they have to solve many SQL, and JavaScript Queries, so they should be aware of complex SQL, JavaScript and RAD ( Rapid Application Development )

**Salary Outlook**

According to a recent Statistics study, 90% of R Programmers students found a job less than 1 or 2 months after their graduation in Australia.

* The average salary of recent ColdFusion Programmers with 1- 4 years earns maximum AUS $53,200 ( includes overtime pay, tips, and bonus ).
* 5-9 years Experience ColdFusion Programmer’s salary range is maximum AUS $85,000 ( includes overtime pay, tips, and bonus ).
* 10-19 years Experience ColdFusion Programmer’s salary range is maximum AUS $93,786 ( includes overtime pay, tips, and bonus ).

**Future**

ColdFusion is an advanced platform and its demand is increasing with time because of its powerful, transferable and characteristics. Now certified ColdFusion developer is creating OOP Style application with other mature and robust frameworks like Machli.