



Portguardian

Your partner for Information Technology Innovation

e-mail : job@portguardian.com

web site : www.portguardian.com

Position: IT Developer .Net

Requirement: to access to the position, it's necessary to develop the following sample project and send it to Portguardian.

No curriculum will be examinee without the above indicated project development.

DEMO PROJECT DEVELOPMENT



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1. INTRO E RESOURCES

In order to understand the level of knowledge reached to develop the windows applications and Web based, we suggest two sample projects , to be develop in a very short time, using the technologies and the resources indicated below.

The projects based on sample free Microsoft database can be develop using the base tools offered free by Microsoft , and they will have the target to identify the level of knowledge reached, in order to identify the potential way to insert inside the development team.

Below you can see the link to download all the necessary resources:

Resource	Link
Microsoft SQL Server Express 2008 and Database example of Microsoft SQL Server 2005 o 2008*	
Adventure Works (2008)	http://msftdbprodsamples.codeplex.com/Release/ProjectReleases.aspx?ReleaseId=18407
Adventure Works (2005)	http://www.codeplex.com/MSFTDBProdSamples/Release/ProjectReleases.aspx?ReleaseId=4004
Northwind (2000-2008)	http://www.microsoft.com/downloads/details.aspx?FamilyID=06616212-0356-46A0-8DA2-EEBC53A68034&displaylang=en
Microsoft SQL Server 2008 Express	http://www.microsoft.com/downloads/details.aspx?FamilyId=B5D1B8C3-FDA5-4508-B0D0-1311D670E336&displaylang=en Note: you have to do update at SP1

*If Candidate had installed Microsoft sql server 2005(standard, development or enterprise) he can use this version for this project, else the candidate doesn't have this software or had installed Express(free) version, is recommended to use the new version of:

Microsoft SQL Server Express 2008 (SP1).

Important note: to develop at professional level our team, demand original license legally acquired. Therefore – if candidate haven't in his possession original software - Is must invited to use the free resources provide by software Microsoft.

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Development tools	
Microsoft Visual Basic 2008 Express Edition (SP1)	http://www.microsoft.com/express/download/
Microsoft Visual Web Developer 2008 Express Edition (SP1)	

2. PROJECT WINDOWS FORMS

Consist to create an executable object connected to database 'AdventureWorks' that allow to user to execute the following operation: read, insert, edit and delete. On these tables:

- Production.Product
- Production.ProductListPriceHistory
- Production.ProductPhoto (be necessary show and load pictures in database).

manage eventual tables linked with constraint of FK.

Use technology of Entity Framework is particularly pleasant.

3. PROJECT WEB FORMS

Consists to create web application connected to database 'Northwind' that allow to user to execute the following operation: read, insert, edit and delete. On these tables:

- Products
- Orders

manage eventual tables linked with constraint of FK.

Use technology of Linq To Sql is particularly pleasant.

4. PROJECTS DELIVERY

The projects developments it will be deliver with all source code. Is recommended to give all contents of project directory included sub-directories.

Send the requested files to job@portguardian.com