



<b>NAME</b>	<b>Hoang Trong The</b>
<b>POSITION</b>	<b>Technical Architecture</b>

Overview	
<b>Personal</b>	
Name: Hoang Trong The	
Nationality: Vietnamese	
Years of Experiences:	
<ul style="list-style-type: none"> <li>• 11 years of experience in programming with C#/VB.NET languages.</li> <li>• 8 years of experience in programming with Java language.</li> <li>• 11 years of experience of the software development process</li> <li>• 8 years working with JavaScript and HTML programming languages.</li> <li>• 8 year working with MS SQL Server</li> <li>• 2 year working with Oracle.</li> </ul>	
<b>Statement</b>	
<ul style="list-style-type: none"> <li>• Manage projects sized from 2 to 10 members.</li> <li>• Management experience in develop software projects (full cycle projects include: initiating, planning, executing, monitoring &amp; controlling and closure phases)</li> <li>• Skill to build up software development team (recruiting – training – on job training – appraisal review)</li> <li>• Good experience in managing software projects. <ul style="list-style-type: none"> <li>○ I managed maximum 10 people at one time.</li> <li>○ We used Waterfall, RUP, V-Model, Prototype, Iterative and XP, SCRUM methodology to develop software applications.</li> </ul> </li> </ul>	

Technical Skills	
<b>OS</b>	Win2K/XP, Win9x, WinNT, DOS, Win3.1, WinCE, Mobile Window 5.0, Unix
<b>Languages</b>	.NET (C#/VB.NET, ASP.NET), Java, C/C++, JS, CSS, HTML
<b>Databases</b>	MS SQL Server, MySQL, Oracle, MS Access, SQLite
<b>Comms &amp; Networks</b>	Server platform, LAN, TCP/IP Network

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<b>Packages</b>	MS Visual Studio, MS Office, Netbean, Eclipse, JBuilder
<b>Methodologies &amp; Tools</b>	OOAD, UML, RUP, SCUM, Visio, Enterprise Architect, Visual Paradigm, Rational rose

## RECENT ASSIGNMENTS

<b>Project</b>	<b>Cape PIF</b>
<b>Duration</b>	2014 - Present
<b>Size (Days)</b>	
<b>Role</b>	Technical Architecture
<b>Project Description</b>	<p><b>Description:</b> Cape is an international leader in the provision of essential industrial services focused on the energy and natural resources sectors. They offer a range of multi-disciplinary services which includes access systems, insulation, refractory linings, painting, coatings, blasting, industrial cleaning, training and assessment throughout the lifecycle of large secure industrial assets.</p> <p>Painting, Insulation and Fireproofing (PIF) are a key service offering from Cape and the management of these is the key focus of the PIF system requirements. These three services are both linked and separated for operations on sites as some specific work scopes will require the asset to undergo all three where as others might only require a single service or a mixture of both.</p>
<b>My Responsibility</b>	<p>My responsibility &amp; tasks for this projects included:</p> <ul style="list-style-type: none"> <li>• Write Software Architecture Document</li> <li>• Write detail design</li> <li>• Technical support</li> <li>• Code review</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Web application use ASP.NET MVC</p> <p><u>Development Language:</u> C#, n-tier architecture, ASP.NET MVC, jQuery, Role Based Access Control</p> <p>Management Process: Agile</p>
<b>Project</b>	<b>Mortgage Sales and Origination Systems</b>
<b>Duration</b>	2012 – 2014
<b>Size (Days)</b>	
<b>Role</b>	Technical Architecture
<b>Project Description</b>	<p><b>Description:</b> Pre-configured with best-practice mortgage sales and mortgage originations processes for fully-automated case progression, IRESS' mortgage software solutions only require staff to intervene by exception. They are then free</p>

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	to focus on adding value through cross and up-selling, while the systems maximise processing efficiencies and minimise costs.
<b>My Responsibility</b>	<p>My responsibility &amp; tasks for this projects included:</p> <ul style="list-style-type: none"> <li>• Write Software Architecture Document</li> <li>• Write detail design</li> <li>• Technical support</li> <li>• Code review</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Web application use ASP.NET MVC</p> <p><u>Development Language:</u> C#, n-tier architecture, ASP.NET MVC, jQuery, Knockout</p> <p>Management Process: Agile</p>
<b>Project</b>	<b>BCC Media Finance</b>
<b>Duration</b>	2011 – 2012
<b>Size (Days)</b>	
<b>Role</b>	Technical leader
<b>Project Description</b>	<p><b>Description:</b> BCC Media Finance is software allows end user to manage finance in media field.</p> <p><b>Scope :</b></p> <p>The purpose of this project is to develop a Media Finance system which will provide functionality to cover all aspects of media billing, reconciliation and payment processing (for Australian customer)</p>
<b>My Responsibility</b>	<p>My responsibility &amp; tasks for this projects included:</p> <ul style="list-style-type: none"> <li>• Manage dev-team</li> <li>• Planning</li> <li>• Write high level and detail design document</li> <li>• Delivery</li> <li>• Communicate with customers</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Web application use ASP.NET MVC</p> <p><u>Development Language:</u> C#, n-tier architecture, ASP.NET MVC 3, CSLA.NET, DevExpress, jquery</p> <p>Management Process: SCRUM</p>
<b>Project</b>	<b>Promova</b>
<b>Duration</b>	2010 – 2011
<b>Size (Days)</b>	lifetime project
<b>Role</b>	Senior Developer

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<b>Project Description</b>	<p><b>Description:</b> Promova is a big product used to Europe market.</p> <p>This is a product that developed based on windows form used to customers for manage human information who are unlucky in their life</p> <p>This one helps end user manage all information of people included hobbies, strongless, weakless, their relationship with others.</p> <p>From those, this software allow end user could create plan to take care of people that managing. Make people become better in their life...</p> <p><b>Scope :</b></p> <ul style="list-style-type: none"> <li>Analyse, design, implement and maintain.</li> <li>Support customers</li> <li>Documenting</li> </ul>
<b>My Responsibility</b>	<p>My responsibility &amp; tasks for this projects included:</p> <ul style="list-style-type: none"> <li>Analyse, design, implement and maintain.</li> <li>Support customers</li> <li>Create Unit test case.</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, Client/Server architecture, MVP/MVC pattern, using .NET Remoting for communication, using Object oriented and In memory Database to store data, Compiling and Running code at runtime.</p> <p>Management Process: SCRUM</p>
<b>Project</b>	<b>Online Testing System</b>
<b>Duration</b>	Feb 08 – Sep 08
<b>Size (Days)</b>	
<b>Role</b>	Team leader
<b>Project Description</b>	<p><b>Description:</b> This project aims to build an online testing system that is easy for testing and editing question bank. This project use embedded word to edit question bank, so it is easy to format, insert image, formula... and keep that format on web.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement from Detail Design Document</li> <li>- Testing</li> <li>- Maintain</li> <li>- Support customer</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Organise and operate team</li> <li>- Develop core system</li> </ul>

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<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, Client/Server architecture, using web service/http for communication, using MS Sql server and SQLite to store data, using embedded word to edit question bank.</p> <p>Management Process: Prototype</p>
<b>Project</b>	<b>Library management system</b>
<b>Duration</b>	Mar 06 – Aug 06
<b>Size (Days)</b>	
<b>Role</b>	Team leader
<b>Project Description</b>	<p><b>Description:</b> This project aims to build a management system for UTE library. The system supports marc 21, UDC, BBK, LLC... standard and using barcode to help managing book and library card.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement from Detail Design Document</li> <li>- Testing</li> <li>- Maintain</li> <li>- Support customer</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Organise and operate team</li> <li>- Develop core system</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, Client/Server architecture, using MS Sql Server, using barcode for book and card, using crystal report for reporting and printing.</p> <p>Management Process: Prototype</p>
<b>Project</b>	<b>School Net System</b>
<b>Duration</b>	Nov 08 – Jan 09
<b>Size (Days)</b>	
<b>Role</b>	Team leader
<b>Project Description</b>	<p><b>Description:</b> This project aims to build a system allows school and parents can communicate via e-mail and SMS. This system allows school send an email and/or SMS to notify the academic result to parents.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> </ul>

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	<ul style="list-style-type: none"> <li>- Implement from Detail Design Document</li> <li>- Testing</li> <li>- Support customer</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Organise and operate team</li> <li>- Develop core system</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, plug-in architecture, using MS Sql Server, using GSM modem to send/receive SMS, using SMTP/POP3 to send/receive e-mail.</p> <p>Management Process: Prototype</p>
<b>Project</b>	<b>Optical character recognition for Vietnamese characters uses Neural Network</b>
<b>Duration</b>	Feb 09 – Apr 09
<b>Size (Days)</b>	
<b>Role</b>	Team leader
<b>Project Description</b>	<p><b>Description:</b> This project aims to build a system to recognise characters in an image, in other word this system allows convert an image (the image contains characters) to text.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement from Detail Design Document</li> <li>- Testing</li> <li>- Maintain</li> <li>- Support customer</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> Java, using neural network as a machine learning method to solve the problem.</p> <p>Management Process: V-Model</p>
<b>Project</b>	<b>Document classification support Vietnamese characters uses Support vector machine (SVM)</b>
<b>Duration</b>	Jul 09 – Aug 09

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<b>Size (Days)</b>	
<b>Role</b>	Team leader/Developer
<b>Project Description</b>	<p><b>Description:</b> This project aims to build a system to classify a documents to an indicate class uses SVM method.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> Java, using SVM as a machine learning method to solve the problem.</p> <p>Management Process: V-Model</p>
<b>Project</b>	<b>Online Book Store for mobile device</b>
<b>Duration</b>	Mar 07 – Jun 07
<b>Size (Days)</b>	
<b>Role</b>	Team leader
<b>Project Description</b>	<p><b>Description:</b> This project is a website for mobile device, so it must support WML (Wireless Markup Language), cHTML, HTML, XHTML depend on supported on device.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement from Detail Design Document</li> <li>- Testing</li> <li>- Maintain</li> <li>- Support customer</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C# and ASP.NET mobile web, SQL server</p> <p>Management Process: Prototype</p>

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<b>Project</b>	<b>Mail client library for .NET</b>
<b>Duration</b>	Sep 07 – Oct 07
<b>Size (Days)</b>	
<b>Role</b>	Team leader/Developer
<b>Project Description</b>	<p><b>Description:</b> This project is a .NET library to send/receive (support file attachment, MIME type).</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, using socket to transfer data, using SMPT/POP to communicate with mail server.</p> <p>Management Process: V-Model</p>
<b>Project</b>	<b>Barcode library for .NET</b>
<b>Duration</b>	Jan 06 – Mar 06
<b>Size (Days)</b>	
<b>Role</b>	Team leader/Developer
<b>Project Description</b>	<p><b>Description:</b> This project is a .NET library to generate barcode from input string. This library supports EAN8, EAN13, Code39, Code128 standard. This library can use for reporting and printing.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> C#, using barcode standards (EAN8, EAN13, Code39, Code128 standard) to draw barcode.</p>



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	Management Process: V-Model
<b>Project</b>	<b>Peer-to-Peer chat for UTE</b>
<b>Duration</b>	May 05 – Aug 05
<b>Size (Days)</b>	
<b>Role</b>	Team leader/Developer
<b>Project Description</b>	<p><b>Description:</b> This project a chat program without chat server, so it is easy to install and apply for an organization.</p> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>My Responsibility</b>	<ul style="list-style-type: none"> <li>- Analysis, design software</li> <li>- Implement</li> <li>- Documenting</li> </ul>
<b>Technology</b>	<p><u>Environment:</u> Windows</p> <p><u>Development Language:</u> Visual basic 6.0, using Winsock to send/receive data.</p> <p>Management Process: Prototype</p>

## SKILL METRICS

<p><b>Experiences:</b>    <b>0:</b> 0 month                      <b>2:</b> 6 – 12 months                      <b>4:</b> 2 – 5 years</p> <p>                         <b>1:</b> 1 – 6 months                      <b>3:</b> 1 – 2 years                      <b>5:</b> &gt; 5 years</p> <p><b>Last used:</b>        Last year used</p> <p><b>Expertise :</b>        <b>1:</b> Beginner                      <b>3:</b> Sometimes have to use manuals                      <b>5:</b> Expert</p> <p>                         <b>2:</b> Always have to use manuals    <b>4:</b> Can solve problems</p>								
		Experiences	Last used	Expertise				
				1	2	3	4	5
<b>Programming and Scripting Languages</b>								
	C/C++	4	2008				x	
	Silverlight	1	2010		x			
	Microsoft Visual Basic	4	2007				x	
	HTML	5	2011				x	
	JavaScript/VBScript	5	2011				x	
	Java	5	2010					x
	XML	4	2011				x	
	ASP	4	2007				x	
	ASP.NET	5	2011					x

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	C#	5	2011					x
	VB.NET	5	2010					x
	JSP/Servlet	4	2010				x	
	T-SQL	4	2011				x	
	PL/SQL	2	2008		x			
<b>Operating System</b>								
	Windows	5	2011				x	
	Linux/Ubuntu	3	2005			x		
<b>Databases</b>								
	Oracle 7/8/8i/9i/10G	2	2008		x			
	MS SQL Server	5	2008					x
	MySQL	3	2009			x		
	SQLite	3	2010			x		
<b>Web</b>								
	MS IIS	4	2011				x	
	Tomcat	3	2010			x		
	Apache HTTPD Server	1	2007		x			
<b>Analysis and Design Methodology and Tools</b>								
	UML/Rational Rose	3	2006				x	
	UML/Visual Paradigm	5	2011				x	
	UML/Enterprise Architect	2	2010			x		
<b>Languages</b>								
	English	4	2011				x	