

RESUME

PERSONAL INFORMATION

Name : **Tran Thong Thai**
Sex : Male
Date of birth : September 20th, 1981
Native place : Vung Tau province, Vietnam
Marital status : Married
Address : 1/9 ĐHT11 Street, Dong Hung Thuan Ward, District 12, HCM City, Vietnam
Phone : (+84) 909 685 024
Email : thaiwhere@gmail.com
Health : Excellent.
Interests : Football, Table Tennis, Music.....

CAREER OBJECTIVE

To further my career path by applying my studying and experience into working as well as the success of the company in the computing industry

EDUCATION

- 2009-2011: **Master** of Science in Information & Computer Engineering, Chung Yuan University, Taiwan.
- 1999-2004: **Bachelor** of Science in Information Technology, University of Science, Ho Chi Minh City, Vietnam.

CERTIFICATE

- English: TOEIC 640 (very good communication skill)
- Chinese: Elementary
- Microsoft Certificate: MCP (.NET Framework - Application Development Foundation)

BACKGROUND/KNOWLEDGE

- Deeply understand about **Design Patterns of GoF / SOLID Principles**
- Deeply understand about **Win Form, Web Form, Generic Web Handler (.ashx), MVC, Web Service, Win Service, Web API, MSMQ, LINQ, .NET Entity Framework, MS Enterprise Application Blocks**
- Deeply understand about **HTML, JavaScript, JQuery, Ajax, AngularJs, CSS**
- Deeply understand about **Web Browsers/Engines, Browser Storages, Browser Fingerprint**
- Deeply understand about **Obfuscated JavaScript, Encode/Decode, Encrypt/Decrypt, etc..**
- Deeply understand about **Asynchronous programming, Multiple threads, Load Balancing**
- Deeply understand about **Thread Agents, Attacks, Preventions, and Security in Web Site**
- Experience in **SQL Server Profiler, Store Procedure, Database design, indexing...**
- Experience in **UML, Use Case Diagram, Class Diagram, Sequence Diagram, etc...**

- Experience in **Software Architecture Documentation, Development Life Cycle / Software Development Methodologies (SCRUM), Requirement Determination & Analysis**
- Experience in **Source Code management, Deployment, Continue Integration (CI), Refactor Code, Clean Code**
- Experience in Unit Testing: **NUnit, QUnit**
- Experience in **NoSQL (CouchBase)**
- Experience in **Barcode technology**
- Knowledge of **Microservice Architecture Pattern**
- Knowledge of **IaaS, PaaS, SaaS**
- Other technologies: WPF, WCF, XML, XSLT, XACML, RabbitMQ, Bootstrap, Less, Lucene .NET Search, Crystal Report
- Other Languages: Java Servlet, Visual Basic 6.0, Visual C++ 6.0
- Databases: MS Access, SQL Server, ORACLE, My SQL
- Web Servers: IIS, Apache Tomcat , Resin
- Tools: Git, TortoiseSVN, StyleCop, FxCop, TFS, VSS, Fiddle, TOAD, Jenkins, JSHint, Redmine, XMind, StartUML, MatLab, MathType, etc..
- Books: Clean Code book; Elements of Reusable Object-Oriented Software; Patterns and Best Practices for Enterprise Integration; Agile Software Development, Principles, Patterns and practices, etc...

QUALIFICATIONS/ EXPERIENCE (TOTAL: 13 YEARS)

- Six years of working at **Nexcel**, at Quang Trung Software Park, in Ho Chi Minh City (11-Jan-2011 ~ Now) as **Senior .NET Developer/ Technical Architect / Project Leader**

Project	Fraud Protection System (FPS)
Duration	3 years (working)
Position	Senior .NET Developer / Technical Architect / Project Leader
Description	<p>* It's a risk protection & management system by detecting the uniqueness of end-user's browser and producing statistics/evidence of accessing of end-users. Therefore almost malicious users as well as robot users, etc...are detected and traced in success. The system is implemented based on Win platform, .NET Framework 4.0 / Generic Web Handler (.ashx), Javascript, hosted in IIS 7.0</p> <p>* Reference for more details about solution/technology of this system (FPS) at</p> <ul style="list-style-type: none"> • https://panopticklick.eff.org/browser-uniqueness.pdf • https://panopticklick.eff.org/index.php?action=log&js=yes • https://www.iovation.com
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server

	<p>Software environment</p> <ul style="list-style-type: none"> ▪ Window7, Window Server 2003 ▪ .NET Framework 4.0 ▪ SQL Server 2012 <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ Git ▪ Jenkins ▪ Redmine <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2010 / SQL Server 2012 ▪ XMind ▪ StartUML <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ Cross domain, Same-origin policy ▪ Browser Unique Identification: Web browsers/engines, browser fingerprint ▪ The third party Evercookie: browser tagging technology ▪ Flash cookie, Silverlight cookie, PNG cookie, File Storage cookie, HTML5 storages..... ▪ Obfuscate javaScript, Encode/Decode, Encrypt/Decrypt, SHA1, RC4.... ▪ Http handler, Generic Web handler (.ashx) ▪ Load Balancing ▪ ASP.NET MVC, Web Service, Win Service, MSMQ ▪ MS Enterprise Application Blocks ▪ Store procedure, LINQ ▪ JavaScript, Ajax, JQuery, AngularJs, Bootstrap 3 ▪ HTML5, CSS, Less, JSHint ▪ StyleCop, FXCop ▪ Use Case Diagram, Sequence Diagram
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Project	Special Project Units
Duration	6 months
Position	Senior .NET Developer / Technical Architect
Description	It's a system to detect fraud transactions from user's bets based on their betting history and patterns. The system is implemented by .NET Framework MVC 4.0
Technology	DEVELOPMENT ENVIRONMENT

	<p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Window7, Window Server 2003 ▪ .NET Framework MVC 4.0 ▪ SQL Server 2008 <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ Git ▪ Jenkins ▪ Redmine <p>Development tools / methodology</p> <ul style="list-style-type: none"> ▪ Scrum methodology ▪ MS Visual Studio .NET 2010 ▪ XMind ▪ StartUML <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ MVC 4.0, Web Form ▪ MS Enterprise Application Block ▪ Thread, Asynchronous programming ▪ Javascript, Ajax, JQuery ▪ HTML, CSS, Less, JSHint ▪ StyleCop, FXCop
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Project	XML Odds Feed
Duration	1 year
Position	Senior .NET Developer / Project Leader
Description	It's a system to give odds values of betting systems. Provide the GUI to manage, license for partners and grant the permissions to these partners to allow them to manage the resources of a system. The system is implemented by .NET Framework MVC 4.0
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Window7, Window Server 2003

	<ul style="list-style-type: none"> ▪ .NET Framework MVC 4.0 ▪ SQL Server 2008 <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ TFS ▪ GanttProject <p>Development tools</p> <ul style="list-style-type: none"> ▪ Couch Base ▪ MS Visual Studio .NET 2010 ▪ XMind ▪ Firebug <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ MVC 4.0, Web Form ▪ MS Enterprise Application Block ▪ Javascript, Ajax, JQuery
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Project	ExcelService
Duration	6 months
Position	Project Leader
Description	The ExcelService project is a system that based on WCF/WebService technology, supports end-user the very outstanding features such as export/send email/cancel an action/exporting of excel files from a datawarehouse system or a system working so long
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Window7, Window Server 2003 ▪ .NET Framework 4.0 ▪ SQL Server 2008 <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ Microsoft Visual SourceSafe (VSS) ▪ Workbrench <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2010 ▪ XMind

	<p>Specific technologies</p> <ul style="list-style-type: none"> ▪ .NET 4 Cancellation Framework ▪ WCF/Web Service ▪ Window Service ▪ MS Enterprise Application Block ▪ Javascript, Ajax, JQuery
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Project	DataBank
Duration	6 months
Position	Senior .Net Developer
Description	The databank project is a datawarehouse system to retrieve/view data of all the systems of the company. These are very big systems which contain a lot of tables with more than ten million of rows. The system is implemented by .NET Framework MVC 4.0 and the partitioning technology is applied for the database.
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Window7, Window Server 2003 ▪ .NET Framework MVC 4.0 ▪ SQL Server 2008 <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ TortoiseSVN <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2008 ▪ XMind <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ MVC 4.0, Web Form ▪ Window Service ▪ MS Enterprise Application Block ▪ Javascript, Ajax, JQuery ▪ SQL Server Database Partitioning

Project	TeamLab
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Duration	6 months
Position	Senior .Net Developer / Project Leader
Description	TeamLab is an platform for business collaboration and project management. Features include: Projects, Documents, Milestones, Tasks, Reports, Events, Blogs, Forums, Bookmarks, Wiki, Instant Messenger, Document Management, CRM and more.
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Windows 7, Window Server 2003 ▪ .NET Framework 3.5 ▪ MySQL ▪ IIS7, Window Services <p>Source Code / Tasks management tool</p> <ul style="list-style-type: none"> ▪ TortoiseSVN (Sub version) ▪ Workbrench <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2008 ▪ TOAD ▪ XMind ▪ Mockup builder tool <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ Lucene .NET Search ▪ ASP.NET(C#) ▪ Web Form, Widget, User Control, ▪ XML, Javascript, Ajax, JQuery

Project	Agent Site
Duration	6 months
Position	Senior .Net Developer
Description	Agent site is the system to manage the members of the betting websites such as www.12bet.com , www.ibet888.net . It will trace every actions of each member as well as show the sports which he/she betted in the system. Moreover it also manages the budget of each member and show agent, master, super who each member belongs to.
Technology	DEVELOPMENT ENVIRONMENT

	<p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x64 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Windows 7 ▪ .NET Framework 3.5 ▪ SQL Server 2008 ▪ IIS7 <p>Source code management tool</p> <ul style="list-style-type: none"> ▪ TFS <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2008 ▪ XMind ▪ Firebug <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ ASP.NET(C#) ▪ Web Form, User Control ▪ XML, Javascript, Ajax, JQuery ▪ SQL Server Database Partitioning
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- More than one year of part-time working at **GSS Company** in **Taiwan** (12/9/2009 ~ 22/12/2010) as a graduate research assistant of the projects, “Research on Classical Contract Model of Software Outsourcing”, “Research and Development on Role-Based Filtering and Transformation of XML documents” and some other projects such as: Hyperwise, ERP, PMIS (Professional Management Information System)

Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x86 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Windows XP Professional, Window Server 2003 ▪ .NET Framework, Java ▪ Oracle 9i & 10g, SQL Server 2005, MySQL ▪ Apache, Tomcat <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2008
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	<ul style="list-style-type: none"> ▪ Visual Basic 6.0 ▪ Eclipse ▪ MATLAB, MathType ▪ XMind ▪ TortoiseSVN (Sub version) <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ ASP.NET MVC (C#), Win Form, Web Form ▪ Java Servlet, J2EE, Spring, Struts, Hibernate ▪ XML, Javascript, Ajax, JQuery ▪ ClickOne deployment ▪ BarCode
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- Two years of working at **HarveyNash** Company, in Ho Chi Minh City, Vietnam (4/2007 ~ 3/2009) as **Software Developer**

Project	TA
Duration	1 year and 4 months
Position	Senior .Net Developer
Description	It is web-form application, the purpose is to manage the products are ordered through the internet, manage the information of dealers, client and calculate to find out the nearest dealers helping the clients have a nearest distance to come and contact to these dealers. It is also help the administrator to total how many visitors to visit the web site day by day....
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x86 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Windows XP Professional ▪ .NET Framework 2.0 ▪ MS SQL Server 2005 <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2005 ▪ MS SQL Server 2005 ▪ Crystal Report <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ ASP.NET 2.0 (C#)

	<ul style="list-style-type: none"> Ajax, JQuery, Javascript
Client & Product	Theodore Alexander (Canada...) http://www.ta-instock.com

Project	CTT
Duration	3 months
Position	Developer
Description	It is web-form application, the purpose is to build a system that can create the dynamic web pages (includes widgets such as: menu, image, text, role...) in the runtime, the information of the web page is saved in the xml file. At the time that creating a web page we can preview the result of the web page in advance.
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> Intel x86 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> Windows XP Professional .NET Framework 3.5 <p>Development tools</p> <ul style="list-style-type: none"> MS Visual Studio .NET 2008 <p>Specific technologies</p> <ul style="list-style-type: none"> ASP.NET MVC (C#) Widget XML, JQuery, Ajax, Javascript
Client	CTT (USA)

Project	SilkPortal
Duration	6 months
Position	Developer
Description	It is web-form application; the purpose is to help the human resource manager to manage the employee based on the time sheet, the leave management...
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> Intel x86 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> Windows XP Professional .NET Framework 2.0 MS SQL Server 2005 <p>Development tools</p>

	<ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2005 ▪ MS SQL Server 2005 <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ ASP.NET 2.0 (C#) ▪ Visual Basic 6.0 ▪ Crystal Report ▪ Ajax, Javascript
Client	Some clients in Vietnam

- One year of working at **CSC Company**, Ho chi minh City, Vietnam (5/2006 ~ 4/2007) as **Software Developer**

Project	Fusion
Duration	1 year
Position	Developer
Description	It is win-form application, the purpose of this project is to build a system that manage the process, materials of house construction. By input the needed information into the system, the result will show to us in advance the structure of the house in preview as well as let we know what we need to do, what we need to buy to build a house
Technology	<p>DEVELOPMENT ENVIRONMENT</p> <p>Hardware environment</p> <ul style="list-style-type: none"> ▪ Intel x86 PC/Server <p>Software environment</p> <ul style="list-style-type: none"> ▪ Windows XP Professional ▪ .NET Framework 3.0 ▪ MS SQL Server 2005 <p>Development tools</p> <ul style="list-style-type: none"> ▪ MS Visual Studio .NET 2005 ▪ MS SQL Server 2005 ▪ EA ▪ NUnit <p>Specific technologies</p> <ul style="list-style-type: none"> ▪ WPF (Avalon) (.NET Framework 3.0)
Client	Mitek (USA)

- Six months of working at **Dolsoft** company, in Ho chi Minh City, Vietnam (12/2005 to 5/2006) as **Software Developer**

Project	CamSmart
Duration	6 months
Position	Developer
Description	It is win-form application, the purpose of this project is to build a system that can capture people, things as well as to define the object is a person or a thing
Technology	DEVELOPMENT ENVIRONMENT Hardware environment <ul style="list-style-type: none"> ▪ Intel x86 PC/Server Software environment <ul style="list-style-type: none"> ▪ MS Windows 20005 ▪ My SQL Development tools <ul style="list-style-type: none"> ▪ MS Visual Studio 6.0 ▪ My SQL Specific technologies <ul style="list-style-type: none"> ▪ Visual C++ 6.0
Client	USA

- Almost 2 years of working at **SGC** Company in Ho Chi Minh city, Vietnam (From 2/2004 to 12/2005) as **Associate Software Developer**

Project	HandyCraft
Duration	10 months
Position	Developer
Description	It is win-form application, the purpose of this project is to build a system that can sell, order, manage.... handy craft product
Technology	DEVELOPMENT ENVIRONMENT Hardware environment <ul style="list-style-type: none"> ▪ Intel x86 PC/Server Software environment <ul style="list-style-type: none"> ▪ MS Windows 2002 ▪ SQL Server 2000 Development tools <ul style="list-style-type: none"> ▪ MS Visual Basic 6.0

	<ul style="list-style-type: none">▪ SQL Server 2000▪ Crystal report
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TEACHING EXPERIENCE (5 years)

- Three years of experience in part-time teaching at Infoworld Computer School, Ho Chi Minh City (01/9/2011 ~ Now) about subjects such as: *Web Programming and Design, Software Development Life Cycle / Software Development Methodologies, Requirement Determination & Analysis*
- One year of experience in part-time teaching at University of Industrial, Ho chi minh City (01/3/2011 ~ 10/12/2011) include subjects such as: *Algorithm Analysis and Design, Basic Programming*
- One year of experience in part-time teaching at University of Science, Ho chi minh City (10/9/2007 ~ 10/9/2008) include subjects such as: *Basic Programming, Data Structure, Web Programming*

THESIS/RESEARCH

- Researching about “**Access Control for XML**”. To defend successfully my **master’s thesis** with the subject “**Role-based access control for web services using XSLT technologies**”
 - ✓ Language & Database : ASP.NET (C#), WPF C#3.0, SQL Server 2005
 - ✓ Studying fields: Access control, XACML, RBAC, XML, XSLT, Web Service
 - ✓ Some of typical reference papers:
 - 1- Core and Hierarchical Role-Based Access Control (RBAC) Profile of XACML v2.0, OASIS Standard, Feb 2005.
 - 2- eXtensible Access Control Markup Language (XACML) Version 2.0, OASIS Standard, Feb 2005.
 - 3- Proposed NIST Standard for Role-Based Access Control. ACM Transactions on Information and System Security, Volume 4, No.3, August 2001, pp. 224-274
 - “Fine Grained Access Control for SOAP E-Services”, WWW-10, 2001.
- Researching about “**Search Engine**” and some methods to improve searching result of search engine. To defend successfully my **bachelor’s thesis** with the subject “**Domain-Specific Web Search with Keyword Spices**”
 - ✓ Language & Database : Java (servlet), Oracle 9i
 - ✓ Studying fields: Search engine, Domain-specific, keyword spices, Java servlet technology.
 - ✓ Reference paper: <http://www.ai.soc.i.kyoto-u.ac.jp/~ishida/pdf/ieeet04.pdf>

OTHER RELEVANT SKILLS

+ *General skills:*

- Ability to work productively and efficiently under pressure.
- Ability to work as an individual or as part of a team.
- Ability to rapidly acquire a sound understanding of new concepts.
- Ability to work carefully with details. Willing to work hard and make a positive contribution

+ *Management skills:* estimating, planning, organizing, leading.

+ *Communication skills:*

- Group discussion leading, team working...

- Being able to speaking, listening, reading, writing in English (good communication skill)
- Being able to speaking, listening in Chinese (elementary)

+ More *skills*:

- To have experience in searching documents and new technologies by Google, Yahoo, ...
- Teaching subjects of computer science such as: database, algorithm, data structure, programming languages, web-design, requirement determination

To the best of my knowledge, the information contained in this resume is true, and accurate in details.

Date January 11th, 2017

Made by

Tran Thong Thai