

# Nguyen Anh Quan | Curriculum Vitae

## Personal Data

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Place and Date of Birth: Ho Chi Minh | Dec 1984  
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## Work Experience

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- Jun 2014 - Jun 2016 | Java Back-End & Web Developer at **Simple Solutions Taipan Vietnam**  
*Back-end, Front-end & Background Engineering*  
Went into detail of Java web stack such as Spring, Hibernate...Designed Database Schema and made technical decision. Maintained and developed new features for legacy software such as CAS, Vertx...
- Feb 2011 - Jun 2014 | Software Developer at **NTT Data Vietnam**  
*Data Warehouse & Billing Web Application*  
Started working as Java developer. Learned a lot of query techniques in a data warehouse project. Got used to Japanese Enterprise Systems. At some point unofficially became team technical supporter.
- Jun 2006 - Jan 2011 | Kernel & .NET Developer at **Dong Nai Dept. of Science and Technology**  
*Security Solution and Web Application*  
Participated in an experimental VPN project as kernel developer; and learned a lot about Unix system and security. Later did research on web frameworks such as Dotnetnuke, SharePoint ...; and provided foundation for company's future products.

## Projects

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### Commstree 4

[| Links](#)

#### - SEA Games 2015 Volunteer Management 2014

28th SEA Games and 8th ASEAN Para Games Volunteer Management System. Won Silver at PS21 ExCEL(Public Service for the 21st Century Excellence through Continuous Enterprise and Learning). My responsibilities included coding both front-end and back-end web modules, bootstrapping and solving performance problem of report module, doing some management task such as planing, bug management..., maintaining legacy software in CAS, Vertx..., and solving concurrent problems in SMS/email broadcast module. I also wrote a chart to ease maintaining job for this broadcast module.

**Client:** [Sport Singapore](#)  
**Scale:** 20 persons in 2 years  
**Role:** Web Developer, Background Engineer & Module Team Leader  
**Techs:** Vert.x, Groovy, Spring (-MVC,-Data,-Security...), Hibernate, CAS...

### Sky Perfect Billing System

2014

An Enterprise level billing system for #1 satellite television company in Japan. All source codes are auto-generated from models specified in propriety development system. My responsibilities included specifying models of both front-end and back-end, debugging generated codes, writing unit tests, translating Japanese documents, supporting team members in technical problems...

**Client:** SKY PerfecTV!  
**Scale:** 10 persons in 1 year  
**Role:** Front-end & Back-end Developer  
**Techs:** Spring, Flex, (propriety) Auto Source Code Generator...

## Sekisui Modular House Web Application

2013

A sale assisting web application for Sekisui Thailand modular housing division. This is my first project in java web stack. My responsibilities included coding both front-end and back-end and writing report SQL query...

**Client:** SEKISUI Housing Division  
**Scale:** 5 persons in 1 year  
**Role:** Web Developer  
**Techs:** Spring, Strut, iBatis, PosgreSQL...

## SHARP Data Warehouse

2012

A web application that reads sale data from branches both SAP and non-SAP and generates human readable reports. My responsibility was writing SQL query for back-end processing module.

**Client:** SHARP  
**Scale:** 5 persons in 1 year  
**Role:** Developer  
**Techs:** SQL(MS SQL Server), DOS Batch Script, Data Warehouse Querying Technique...

## Non Standard Security Portal(NSSP)

2006

A firewall solution that segregates secure LANs from outer systems in term of protocols but still ensures that data will be normally transmitted between local networks and Internet, and vice versa. This project won My responsibilities included coding the kernel module and configuration scripts, doing technical research related to Linux network stack.

**Client:** (internal)  
**Scale:** 5 persons in 1 year  
**Role:** Technical Researcher, Sole Kernel Developer  
**Techs:** C, Linux kernel module, bash shell script, Linux network stack...

## DOST-Dong Nai website

2007

Dong Nai Department of Science and Technology(DOST) information page built on Dotnetnuke. This project provided the basics for other Dotnetnuke projects. My responsibilities included doing research on Dotnetnuke and .NET framework, technical support, code news module.

**Client:** (internal)  
**Scale:** 5 persons in 6 months  
**Role:** Technical Researcher, Developer  
**Techs:** VB.NET, C#, Dotnetnuke, MS SQL Server, IIS...

## M-Office (code audit)

2007

A collaboration workspace written in legacy ASP and Visual Basic. My responsibility was reading the source code and find out security bug.

**Client:** (internal)  
**Scale:** 2 persons in 3 months  
**Role:** Code Auditor  
**Techs:** Visual Basic, ASP, IIS...

## iOffice (research) - DOST 's new Collaboration tool

2010

An attempt to port legacy M-Office to SharePoint. My responsibility included researching and writing sample modules on SharePoint.

**Client:** (internal)  
**Scale:** 3 persons in 6 months  
**Role:** Technical Researcher  
**Techs:** C#, SharePoint, IIS, MS SQL Server...

## Education

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Jul 2002 - Jul 2006    Graduated in BS of **Computer Science** at *HCM University of Natural Science*  
Sep 2007    Participated in MS of **Computer Science** at *HCM University of Natural Science*

## Languages

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**Vietnamese:** Mother tongue  
**English:** Fluent  
**Japanese:** Can read with (a lot of) references

## Skill Set

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<b>Programming Languages</b>	Java, C/C++, GLSL, C#, VB.NET, Javascript, Python, LUA, Prolog, Clojure Scala, Haskell, Emacs-LISP, Matlab script, Shell scripts(fish, sh, bash)
<b>Frameworks/Libraries</b>	Vert.X, Spring, Hibernate, SharePoint, Dotnetnuke...
<b>Tools</b>	IDEA, Emacs, org-mode, L <sup>A</sup> T <sub>E</sub> X, Git, SVN, GIMP, Blender...

## Interests and Activities

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Hacking, literate coding, functional programming, critical thinking, zen, hiking...