

NGUYEN DUC HUY



SUMMARY:

A Software Engineer with over 12-years experience working with Web Technologies (9 years in Java/J2EE and 3 years in .NET). Strong in system analysis, design, opens source frameworks and open source libraries. Fast learning, good leadership and team working.

Specialties:

- **Java/J2EE.**
- Frameworks: Struts, Hibernate, iBatis, Spring, Web Services (SOA), Restful, Axis, etc.
- Automation tests: dbUnit, jWebUnit, httpUnit, junit.
- Databases: MySQL, Oracle, DB2, SQL Server.
- Middleware: Tomcat, Apache Server, WebSphere, etc.
- IBM WebSphere Process Server.(WPS)
- Dotnet: C#, ASP.NET, ASP.NET MVC.

CAREER HISTORY AND EXPERIENCE:

Aug. 2012 – Now (EZIT Solutions) http://www.ezitsol.com/	<i>Technical Lead</i>
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EZCM – Content Manager

ACOM's EZContentManager is a web-based document management solution that accepts any document or file from any source and stores them in one central repository, eliminating silos of information. It includes the following modules:

- Finance: AP Automation, Invoices, POs, Checks, Statements, Contracts, Compliance and eDiscovery.
- Human Resources: Recruitment documents, On-boarding documents, Management of Employee documents.
- Manufacturing: Workflow solutions for process improvement, optimization and process standardization; Shipping, warehousing, inventory, purchasing documentation and tracking; Plans, CAD documents/images and supporting documents
- Payroll: Manage and instantly access all payroll-related documents and information, such as attendance sheets, leave cards, tax forms, emails, and more in a secure repository.
- Sales & Marketing: Proposal management, quotations, communications, versioning, Collateral management, image archiving, management of project materials, collaboration.
- Native Document Capture, Secure Electronic Archive, Compliance, Collaboration, Intelligent Document Linking, Browser-Based Access, Workflow/Document, Process Automation.

Responsibilities:

- Create the Project Skeleton for team.
- Provide the technique solutions to implement project.
- Implement Web Service: RESTful & SOAP
- Responsible of continuous integration implementation & usage in the projects.
- Review project work products, such as SRS, Detail Design, Database and code.
- Report to portfolio manager.
- Work with team members and solve technological issues in project.

Skill Set Utilized:

- Programming language: Eclipse Platform WTP, Maven, Struts, HttpUnit, JwebUnit, Tomcat, Servlet, Web Services (SOA), Restful, Axis, AJAX (Asynchronous JavaScript and XML), JavaScript/Jquery, Dreamweaver 8.0.
- SQL Server 2005/2008.

Sep. 2010 – Jul. 2012 (IBM – Vietnam)

<http://www.ibm.com/vn/en/>

Technical Lead/Senior Engineer

QUEM – Cofinoga/WPS (<http://www.lasergroup.eu/>)

Laser Cofinoga is a multinational company of Consumer Credit

- Spain, UK, Denmark, Portugal, Nederland, Poland, Belgium, France.
- Focusing on individual end consumers
- Providing Loan and Credit products by using partnerships
- Setting up a multi distribution channel strategy (E-commerce, Outlets, Partners, Minitel...)
- Click and Mortar Strategy (synergy between Internet and Physical outlets)

Main products:

- Paiement Card
- Revolving Credit
- Loan and mortgage
- Liability insurance & liability insurance

Responsibilities:

- Analyze and implement project to use the Websphere Process Server, Webshpere Application Server.
- Create the Project Skeleton for team.
- Implement Web Page.
- Implement WPS Services
- Implement Web Services.
- Write Unit Test by SoapUI.
- Provide the technique solutions to implement project.
- Responsible of continuous integration implementation & usage in the projects.
- Review project work products, such as SRS, Detail Design, Database and code.
- Report to portfolio manager.
- Work with team members and solve technological issues in project.

Skill Set Utilized:

- Programming language:

- WebSphere Rational Application Developer(<http://www-01.ibm.com/software/awdtools/developer/application/index.html>)
- WebSphere Integration Developer(<http://www-01.ibm.com/software/integration/widl/>)
- SoapUI (<http://www.soapui.org/>)
- Eclipse Platform (<http://www.eclipse.org>)
- Maven (<http://maven.apache.org/>)
- Struts (<http://struts.apache.org>)
- Hibernate (<http://www.hibernate.org>)
- Spring (<http://www.springframework.org/>)
- iBatis(<http://ibatis.apache.org/>)
- Acegi (<http://www.acegisecurity.org/>)
- Log4j (<http://logging.apache.org/log4j/docs/>)
- HttpUnit (<http://httpunit.sourceforge.net/>)
- JwebUnit (<http://jwebunit.sourceforge.net/>)
- Tomcat (<http://tomcat.apache.org/>)
- Web Services: Axis (<http://ws.apache.org/axis/>)
- AJAX (Asynchronous JavaScript and XML)
- JavaScript/Jquery(<http://jquery.com>)
- Dreamweaver 8.0

- Databases: MySQL, Oracle. DB2

Jan. 2009 – Sep.2010 (IBM – Vietnam)	Technical Lead/Senior Engineer
<p>MDP- Maire de Paris</p> <p>Working in “Maire de Paris” team - owned by MDP organization http://www.paris.fr/ - develop the internal projects to use the Java/J2EE technologies.</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> • Analyze and implement project. • Provides technical support to MDP VN team • Responsible of continuous integration implementation & usage in the projects • Checks effectiveness of preliminary training • Makes sure that MDP VN practitioners understand technical requirements • Makes sure MDP programming standards are respected • Plan/Performs/Verify peer reviews (code audits) • Assesses VN team’s programming skills • Delivers training to improve practitioners’ skills • Review project work products, such as SRS, Detail Design, Database and code. • Report to portfolio manager. • Work with team members and solve technological issues in project. <p>Skill Set Utilized:</p> <p>- Programming language: MdP Framework(extend the Struts 1 framework), Eclipse Platform WTP, Maven, Struts, Hibernate, Spring, Acegi, Log4j, HttpUnit, JwebUnit, Tomcat, Web Services(SOA), Axis, AJAX (Asynchronous JavaScript and XML), JavaScript/Jquery, Dreamweaver 8.0</p> <p>- Databases: MySQL, Oracle.</p>	
Dec. 2007 – Dec.2008 (GCS – Vietnam) http://www.globalcybersoft.com	Project Lead/Technical Lead/Developer

DNP- ND project(<http://www.dsvision.jp>)

This is EC websites that provide business activities for buying and downloading game components for Nintendo Dsvision machine. The owner of Nintendo player can buy and download game components to specific micro SD card in secure manner. These EC sites must provide highest security to prevent hacking for illegal copy of game components into Nintendo machine.

This website includes modules below:

- Front end provides end user interface for registering member, searching, purchasing products and downloading them to micro SD card.
- Download site provides server services so that Nintendo Dsvision client can connect to download purchased products in secure way.
- Back end provides admin interface for managing users, products, orders, import & export TSV file.
- Partner site provides admin interface:
 - + Managing Item Licenser.
 - + Downloading Item Licenser to micro SD card to correspond type A & B

Responsibilities:

- Design & Create the project framework.
- Working with IE to make clear requirements.
- Planning, tracking and monitoring the working progress for team.
- Review project work products, such as SRS, Detail Design, Database and code.
- Work with team members and solve technological issues in project.
- Develop the functions: Front-end (Search/View products) & Back-end (management member, order and Import/Export TSV file)

Skill Set Utilized:

Struts 2, Velocity, Hibernate 3, Tomcat, log4j , Spring 2.0, Acegi, Appfuse 2, Maven 2, JavaScript, Dreamweaver 8.0.

Aug 2007 – Nov 2007 (GCS – Vietnam)**Developer****DNP-Carbonite**

It's a web service project for software purchase system. It's act as reseller to receive orders then call to content holders (such as NISNAV, TrendMicro) to process request from client.

Using the SOAP communication to manage sale between *Re-sales, Distributor and Content holder*.

Responsibilities:

Developing the Business layer for functions:

- TrendMicro-Signup
- Symantec-Cancel
- Batch import for NisNav-Cancel.

And support the DAO layer for the Inquiry function.

Skill Set Utilized:

Web service (Axis framework), PostgreSQL, Tomcat, log4j

Sep 2006 – Feb 2007 (GCS – Vietnam)**Team Lead/Technical Lead/Developer**

BMF/MIR – E2/C1

This web application provides the online tools to manage all parks in Paris as consumption water management, park-staff management, water budget calculation for each month, etc....

Responsibilities:

- Design & Create the project framework
- Implement “Programmation MIR+” module.
- Implement “Alerte Batch” module.
- Implement “Fiche2” module.
- Implement “Fiche6” module.
- Implement “Batch for Fiche6” module.
- Implement “Fiche de programmation MIR” module.
- Implement “Export CSV” module.
- Implement “Les comptes-rendus de traitements” module.
- Monitor the progress of the project.
- Maintain project.
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, Hibernate, JavaScript, Dreamweaver 8.0, Oracle 9i, Tomcat, Eclipse, MyEclipse plug-in, log4j, jFreechart, MySQL, Oracle.

Aug 2006 – Sep 2006 (GCS – Vietnam)***Team Lead/Technical Lead/Developer*****IBMF/PIPP2**

Manage the operation to contain the investment plan with the modules supported as follows:

- Manage a new operation
- Search the new operations have validated
- Manage the operation will be validated
- Print the operation information
- Delete a validated operation
- Transfer a new operation to “Programmation” module.

Responsibilities:

- Create the project framework.
- Implement “Search the new operations have validated” module.
- Implement “Manage the operation will be validated” module.
- Implement “Transfer a new operation to Programmation module” module.
- Monitor the progress of the project.
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, JavaScript, Oracle 9i, Tomcat, Eclipse, MyEclipse plug-in, log4j, MySQL, Oracle.

Apr 2006 – Apr 2006 (GCS – Vietnam)***Team Lead / Developer***

Member Management System

This system is developed for managing customer information with the features supported as follows:

- User authorization and authentication
- User management
- Customer information management

Responsibilities:

- Create the project framework.
- Analyze requirements & design the system
- Implement access control module
- Lead and coach a junior developer
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, MySQL, Tomcat, JavaScript, Dreamweaver 8.0, Eclipse, MyEclipse plug-in, log4j

Mar 2006 – Apr 2006 (GCS – Vietnam)

Developer

Business Support Applications for Bank

Client is a department of a bank. They need applications to support for their business:

- Questionnaire application: It allows user to manage questionnaires on financial securities and assign permission to users of many regions. User answers these questionnaires by using the system. Then, admin can view the result that is consolidated user's answers.

- Task Management application: Admin creates task information including schedule time and assign it to user. User can follow up tasks that he has been assigned with many views (Ex: one month, one day, not completed status...) and update task status.

Responsibilities:

- Implementing elements related to the Questionnaire application such as contents, region, centre, client ...
- Implementing admin part of Task Management

Skill Set Utilized:

IIS, Active Server Page (ASP), JavaScript, Microsoft SQL Server, Upload COM

Oct 2005 – Dec 2005 (GCS – Vietnam)

Developer

Online Pizza Shop

This is a website for online ordering of pizza, lunch & dinner sets, and drinks. The project is to enhance the website design, modify existing functions and add the new functions to the current website.

Responsibilities:

- Implement order management module
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Kempfer framework, JavaScript, Dreamweaver 8.0, Oracle 9i, Tomcat, Eclipse, MyEclipse plug-in, log4j

Jul 2005 – Sep 2005 (GCS – Vietnam)

Team Lead/Technical Lead/Developer

IBMF/PIPP

Manage the annual investment from the city's general budget.

Responsibilities:

- Create the project framework.
- Implement Foncier module
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts, Log4j, HttpUnit, JwebUnit, Tomcat, JavaScript, Oracle.

Mar 2005 – Jun 2005 (GCS – Vietnam)

Developer/Team Lead

IBMF/CP

Manage the contracts between city council and other companies.

Responsibilities:

- Create the project framework.
- Implement Action, Operation, Sub-Operation and Themes modules
- Implement export to Excel & PDF files functions
- Monitor the progress of the project.
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, MySQL, JavaScript, Tomcat, Hibernate, HttpUnit, JwebUnit, iText (PDF file creation) (<http://www.lowagie.com/iText/>), POI (Excel file creation) (<http://poi.apache.org/>), Eclipse, MyEclipse plug-in, CheckStyle plug-in, log4j

Nov 2004 – Feb 2005 (GCS – Vietnam)

Developer

IBMF/CDT

Manage the process of issuing licenses for constructions in city council.

Responsibilities:

- Create the framework for project
- Implement Situation Definition module
- Implement Search Portfolio function
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, Hibernate, Oracle 9i, JavaScript, Dreamweaver 8.0, Tomcat, Eclipse, MyEclipse plug-in, log4j

Aug 2004 – Nov 2004 (GCS – Vietnam)

Team Lead/Developer

IBMF/PPL

Manage the allowance for city council's staff when buying house.

Responsibilities:

- Create the project framework.
- Implement dossier management module
- Implement validation of dossier with rules
- Implement rule management module
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.
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Skill Set Utilized:

Struts framework, MySQL, JavaScript, Dreamweaver 8.0, Tomcat, Eclipse, MyEclipse plug-in, log4j

Apr 2004 – Jun 2004 (GCS – Vietnam)

Developer

Wholesale Site

This project is to develop a web system that consists of Internal Site for internal access and site management, and the User Site for public access from Internet. The system intends to provide a web place for advertising and selling of real estate for traders and investors.

Responsibilities:

- Implement all common dialogs for websites
- Implement customer management module
- Implement staff management module
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

Struts framework, Oracle 9i, Tomcat, JavaScript, Dreamweaver 8.0, Eclipse, log4j

Feb 2003 – Mar 2004 (K2K)

Developer

INDOCHINA DESTINATION

This is the web site for booking tours and hotel rooms online.

Responsibilities:

- Create the project framework.
- Implement tours and hotel rooms management function
- Implement tour & hotel booking function
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

- IIS
- Active Server Page (ASP)
- JavaScript
- Microsoft SQL Server 2000
- Upload COM

Jan 2004 – Feb 2004 (K2K)

Developer

THIEN SINH

This is the online shop of a fertilizer company.

Responsibilities:

- Create the project framework.
- Analyze & design database
- Implement Admin website
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

- .Net Framework
- SQL Server 2000
- JavaScript

Dec 2003 – Jan 2004 (K2K)

Developer

ANLTRADE

This is the web site for shopping of handicraft products.

Responsibilities:

- Create the project framework.
- Analyze and design database
- Implement the website
- Implement product management function
- Responsible of continuous integration implementation & usage in the projects.

Skill Set Utilized:

- PHP
- MySQL
- JavaScript

Apr 2003 – Aug 2003 (K2K)	<i>Developer</i>
K2Ktech This is the web site for online shopping of books & CDs. Responsibilities: <ul style="list-style-type: none"> • Implement product management function • Implement customer information management function • Analyze and design database • Responsible of continuous integration implementation & usage in the projects. Skill Set Utilized: <ul style="list-style-type: none"> • .Net framework (ASP.NET) • SQL Server 2000 • JavaScript 	
Aug 2003 – Dec 2003	<i>Developer</i>
VIETRAVEL ONLINE This is the web site for customers to book tours and hotel rooms for a major tour company. Responsibility: <ul style="list-style-type: none"> • Implement tours & hotel rooms management function • Implement tour & room booking function • Implement part of Admin website • Analyze and design database • Responsible of continuous integration implementation & usage in the projects. Skill Set Utilized: <ul style="list-style-type: none"> • .Net framework • SQL Server 2000 • JavaScript 	
May. 2010 – Now (PhansTek – USA) http://www.phanstek.com/	<i>Software Engineer (Freelancer)</i>

Working in several internal projects – owned by BJC organization www.bjc.org - include the following projects:

- 1. SCM (Maintain):** Manage the process to implement a project in the organization such as plan project, identify scope, manage resources, timeline and status of project...etc.
- 2. IPONLY (Maintain):** Manage the facilities and procedures in the organization to include the features such as Users, Facilities, Procedures, Physicians, Import/Export Excel data and Search Engine...etc.
- 3. Rehab (Maintain):** Manage the worksheets of each user to include the features such as Worksheet, Users, Import/Export Excel data, Generate Report in Excel, and Draw chart...etc.
- 4. Phred (Maintain):** Manage the Pharmacy Resources to include the features such as Users; Drugs, News and Events, Import/Export Excel data, Generate Report in Excel, Documents and Workflow are used by Nurse...etc.
- 5. DLA-20 (Maintain):** Provide end-user an interface for managing users, lookup values, worksheet (Activities of Daily Living ADLs in the community during the last 30 days), Import/Export Excel.
- 6. School Outreach (Maintain):** Develop a Web Base Application to base on the Ms. Access Application was running. This Web Base provides an interface to manage activities of children in school, manage lookup values and this App is used the web service to authenticate login user.
- 7. DotNetNuke (In-Progress):** Research & Develop the Web Base Applications to user the framework DotNetNuke.
- 8. Telemetry (In-Progress):** Develop a Web Base Application to base on the Ms. Access Application was running. This Application provides an interface to manage the inpatient/outpatient in hospital.
- 9. BJH Laboratory Customer Service (In-Progress):** Develop a Web Base Application to manage the activities of laboratory to have features: Manage User/Physician, services order/request from doctor, e.g.

Industry: Health Care

Responsibilities:

- Analyze and implement project full cycle.
- Create HTML mock-up and design layout for project.
- Develop Web Page.
- Design Database.
- Write query using LINQ (Language Integrated Query).
- Write Unit Test for each function.
- Responsible of continuous integration implementation & usage in the projects.
- Maintain other old projects

Skill Set Utilized:

- .NET framework, C#, ASP.NET, AJAX, MVC, Web services, Telerik Control, LINQ, HTML and JavaScript/JQuery
- SQL Server 2005/2008.

LANGUAGES:

- Fluent in English and Vietnamese

EDUCATION:

1996 – 2000	Ho Chi Minh City University of Natural Sciences Bachelor of Information Technology
December, 2011	

PERSONAL INFORMATION:

Date of Birth:	08-March-1977
Marital Status:	Married
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