

Jody Gwon

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Objective	Web Application Engineer: To develop and manage web applications	
Summary of Qualifications	<ul style="list-style-type: none">• Specialized development skills for web UIs and J2EE infrastructures• Advanced knowledge and experience in Java, MVC, and object-oriented programming concepts• Experience with multi-tier systems with middleware and relational DB connectivity• Experienced in with debugging, root cause analysis, and system management	
Skills	<ul style="list-style-type: none">• Languages: Java, JSP, JavaScript, XML, ASP.net, CSS, UML, HTML, PL/SQL, PowerBuilder, C, Pro*C, C++, C#, VB• Servers: Oracle DBMS, MSSQL, MySQL, Tomcat, Weblogic, JBoss, IIS, ProFrame, Linux Server, Windows Server• Platforms: Struts, Hibernate, Spring, JSF, MS .net, Trustform, JUnit• Tools: Eclipse, CVS, Subversion, Crystal Report, ClearCase, Rational Tools(Rose), MS Visual Studio, ER-WIN, TOAD, JUnit, OZ Report	
Experience	Java System Engineer Korea Export Insurance Corporation (KEIC), Seoul, Korea Government Agency; Export Credit Agency with 700 employees worldwide, which provides on-line/off-line export insurance and financial services	2006-2010
	<ul style="list-style-type: none">• Managed team of three in developing and maintaining the Credit Information System. The system generated credit scores based on the company's information.<ul style="list-style-type: none">- Designed and implemented system features from customers' requests using J2EE, EJB and JUnit with RUP methodology using Rational Tools (Rose)- Implemented automated credit scoring / reporting application using J2EE, EJB and PL/SQL- Designed and developed 50,000-line Java libraries used for data gathering, cleansing and analyzing processes- Designed modules for integration with foreign credit agencies using XML• Managed two developers to develop a Risk Monitoring Application using Java and PL/SQL. The application automatically generated signals based on risk factors• Team lead in developing and maintaining export insurance web sites. Sites generated 10 million hits and \$10 million in insured amounts annually• Developed insurance recommendation web application using Struts and Hibernate. The application automatically recommends the most effective insurance based on user's information.• Designed Java libraries based on string matching algorithm for the database application to perform more precise data extraction	

Application Developer

2001-2004

Korea International Trade Association (KITA), Seoul, Korea

Government Agency; The trader association providing industry analysis and trade information. The owner of the largest building complex in Korea, Korea World Trade Center (KWTC, 198000sqm)

- Implemented Building Energy Management Systems for Korea World Trade Center using power-builder and Java, which provides cost-effective facility automation services and web applications based on energy saving algorithms patented by four inventors including myself. It reduced \$100,000 in energy costs per a year. Patent acquired.
- Developed the server portion of a client / server application to enable department store cash registers to update central databases in real time using POS devices, C and Pro*C
- Invented and implemented Staff Location Service that enabled to find the designated staff's current location

Education

M.S. in Information Technology e-Business Program

2007-2008

School of Computer Science, Carnegie Mellon University, Pittsburgh, PA(GPA 3.86/4)

- Consisted of integrated projects for building e-Commerce systems; 8 week practicum
- Provided an actual enterprise environment to apply information technologies with business perspective as well as to acquire skills to design and implement e-Business artifacts
- Courses included: Requirement Analysis, User Interface and Database System Design, Web Service Development, ERP, Data Mining, e-Negotiation and mobile commerce

Bachelor of Engineering

1993-1998

School of Computing, Soongsil University, Seoul, Korea

- Provided a broad theoretical and practical background in computer science and engineering
- Courses included: Computer Programming, Data Structures and Algorithms, System Software

Project

Community Website

March 2010

Muslim Community Center of Greater Pittsburgh

- Project for building website which provides community information, event schedules, message board, and membership management for Muslim community.
- Developed using JSF (Apache Myfaces), Hibernate.

International Trade Simulation System

August 2008

Korea International Trade Association

- Project for web application, which enables international traders simulate real trading situations using electronic document exchange
- Developed client side using J2EE, JavaScript, HTML, and CSS
- It supported internationalization and dynamic scenario generator using Struts

Mobile Trip Assistant System

May 2008

Port Authority of Allegheny County

- Project for server/mobile-client application, which provided bus schedules, current locations, and arrival times
- Developed the server using EJBs and Hibernate, and the client using WML
- The application gathered user's preferences and created profiles so that users had to provide the least input on the client side

WhereRU Meeting Assistant System

June 2008

Google Android Application Competition

- Project for server/Android application, which provides meeting scheduling, messaging and location tracking integrated with Google Maps, Google Schedule, and Android Phone
- Developed a client using Android Plug-in and Google Maps
- When the meeting time arrived, a user could retrieve the other member's location. The application recommended the nearest "fun spot" based on user preferences.

Certifications

- Certified Information System Security Professional (ISC2, 2010)
- Certified Information System Auditor (ISACA, 2009)
- Project Management Professional (PMI, 2005)
- Oracle Certified Professional DBA for Oracle 8i and 9i (ORACLE, 2002, 2005)
- Microsoft Certified Database Admin. MSSQL Server 2000 (Microsoft, 2002)
- Microsoft Certified System Engineer MS Windows 2000 (Microsoft, 2002)
- SUN Certified Java Professional (SUN, 2002)

References

Available upon request