

Jeff Mo

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TECHNICAL SKILLS

Languages	Perl, Java, C/C++, XML, SQL
Frameworks	Catalyst, CGI, J2EE, RMI, Swing, J2ME, Google Android, UNIX IPC
Servers	MySQL, Oracle, MS SQL Server, SQLite, Tomcat, Apache, GlassFish
Operating Systems	Linux, UNIX
Tools	Eclipse, NetBeans, vi, Oracle SQL Developer
Networking Protocols	HTTP, TCP, IP, UDP, SMTP, FTP, P2P, SOAP

CERTIFICATIONS

CompTIA Linux+ Certified Professional
Sun Certified Web Component Developer for the Java 2 Platform (SCWCD)
Sun Certified Programmer for the Java 2 Platform (SCJP)
Microsoft Certified Solution Developer (MCSD)

PROFESSIONAL EXPERIENCES

Research Projects 2008 – 2010	Designed a website to demo how to use Catalyst framework to build a dynamic web application effectively. http://jandc.co.cc Built a CGI/Perl website to provide secured features like avoiding cookie poisoning and SQL injection. http://students.engr.scu.edu/~cmo Wrote C programs to implement a file server and client agent for various UNIX IPC methods such as Pipes, FIFOs, Message Queues, Shared Memory, Semaphores, TCP/UDP Sockets. Collaborated with a team to develop a cloud-based project; three-tier architecture whose front-tier is Android Client, middle-tier is PUSH Service (C++), and back-tier is RESTful Web Service. Used design patterns (MVC, DAO, and Factory Method) and technologies (MySQL, Servlet, JSP, SVG, XML Schema, XSLT, JDOM 1.0, ANT) to implement a on-line library searching system.
Sr. Application Engineer IVRS, Taiwan 2005 – 2006	Maintained a large-scale EJB/JMS/Servlet/JSP/Struts system running on WebLogic that provided mobile number portability (MNP) service that allows users to change cellphone service providers but still retain original phone numbers; enhanced current features by adding code to Message-Driven Bean and utilized JMS to establish a distributed communication between number portability administration center (NPAC) with a global NP database (NPDB); managed a team of four developers, coordinated with 3rd-party system integration vendors, and performed on-site customer technical support.
System Analyst Sysware, Taiwan 2003 – 2005	Worked with a team to implement a large scale banking system that can manage financial assets like FX, Bond; coded client side programs via Java Swing for Risk-Manager, Pricing, SWIFT, Yield Curve, and Report; designed server processes on top of RMI to process SWIFT documents and synchronize the status between modules; assisted quality assurance and on-site technical support. Took a lead to build Mobile Java Winner that can deliver real-time stock quotes such as American Stocks, Taiwan Stocks, and International Indexes to consumers via J2ME phone; This resulted in generating a solid revenue stream for two years.
IT Trainer UCOM, Taiwan 2001 – 2003	Taught programming languages (Java, VB), web application development (Servlet, JSP, ASP, JavaScript, HTML, CSS, XML) and preparation of certification exams (SCJP, SCWCD, MCSD). Chosen as featured speaker at Java conference on JSTL.
Programmer Systex, Taiwan 1998 – 2001	Worked with teams to build several ASP-based projects such scheduling system for internal use. Worked with a R&D team to design VB forms and COM components for Pallas Workflow. Chosen as featured speaker at MS TechEd 2000 on new features of IE.

EDUCATION

03/2008 – 12/2009 Master of Science in Computer Engineering, Santa Clara University, CA

ASSOCIATIONS

2009 – Present Member, San Francisco Perl Mongers
2008 – Present Member, Silicon Valley Google Technology User Group (SV-GTUG)

LANGUAGES

Fluent in spoken and written English, Mandarin Chinese, Japanese.