

Steven Shaw

steven_shaw@topgunco.com

steshaw@gmail.com

Mobile: 0433 042 849

<http://abstractsimplicity.org/>

Profile

Java Technologist with 15+ years experience in applications development. Seeking a hands-on position where there is an open exchange of ideas with other like-minded developers.

- Focused on Java technologies since 2000.
- Application architecture, frameworks, OO and design patterns.
- Distributed computing and network programming.
- Database design and programming.
- Broad knowledge of programming languages, operating systems and emerging technologies.

Expertise

- Java SE (Java 1.4, 5 and 6), Java EE (J2EE), Multithreading, Generics.
- Spring, Spring Web MVC, Hibernate, EJB, Servlets, JSP, Swing, JUnit, Velocity, Apache Commons, JSR-168 Portlets, Struts.
- Eclipse, IntelliJ, Ant, Maven, Cruise Control.
- Subversion, Mercurial, ClearCase, CVS, RCS.
- HTML/XHTML, CSS, JavaScript, AJAX, XML.
- WebLogic, Jetty, Tomcat, Oracle Application Server (OC4J), Apache HTTPD.
- Oracle, Sybase, PostgreSQL, Ingres.
- Sun Solaris, HP UX, IBM AIX, GNU/Linux, IBM zSeries, Microsoft Windows.
- XP, FDD, TDD, RUP.
- C#, C++, Ruby, Python, Perl, Shell.

Achievements

- As Lead Developer of T-Mobile's Strategic Partner Interface (a B2B application connecting T-Mobile's network to resellers), reduced lines of code by 30% whilst also delivering new features.
- As hands-on Technical Lead, successfully exposed application functionality as JSR-168 portlets on Vignette Application Portal v7. Despite the fact that no team member had prior experience with VAP, we delivered an early release after 6 weeks and the final release within the required 3 months.
- Led team of 3 to successfully integrate a scripting language interpreter into a Customer Relationship Management system, allowing unprecedented customisation by implementation consultants.
- Enhanced a real time rating engine to access critical customer information including customer hierarchies. This allowed real time account management with the use of customer specific tariffs such as frequently called numbers.
- Enhanced job scheduler component, allowing it to schedule jobs across a cluster.

Professional Experience

Top Gun Consulting

Oct 2007 – Present

Application Architect

Jun 2008 – Aug 2008

[Suncorp](#)

Provided architectural guidance for building Suncorp's insurance claims application across multiple lines of business and brands. Developed prototype during a number of architectural spikes. Defined the application architecture along with supporting material including development standards and educational website.

Java, JDK5, Guidewire, GScript, Jetty, Tomcat, Scrum.

Senior Developer

Nov 2007 – Jan 2008

[Department of Natural Resources and Water](#)

The department is replacing their ageing billing system for land tenures. Developed prototype for phase 2 based on the chosen technologies. Worked out of way of getting hot deploy to work with the architecture using Jetty for more productive development. Prototyped a mechanism to dynamically build JSF forms based on metaprogramming. Investigated static analysis tools and enhanced the tool suite used. Upgraded Hudson and configured to show trend graphs.

Java, JDK6, Tomcat, Jetty, Spring Framework 2.0, Hibernate 3, EJB3, JPA, JSF, Facelets, RichFaces/Ajax4JSF, Seam, Ingres, Hudson, Ant, Maven, CVS, PMD, FindBugs, CheckStyle.

Noble Technology

Jul 2005 – Oct 2007

Senior Developer

Feb 2007 – Jul 2007

[Eiger Systems](#) - an [Experian](#) company

Developer on [EigerPay Gateway](#) version 2.0, a payments gateway connecting to VOCA's new ETS WebService and implementing a drop-in HST solution. Implemented configuration UI and services for data retrieval and distribution. Assisted port to IBM zSeries (S/390). Implemented redirect-after-post on top of Spring MVC, upgraded Spring configuration to make use of the new Spring 2.0 namespaces, enhanced beans via Spring AOP to fire property change events, translated Spring DAO exceptions at the service layer boundary to application exceptions via Spring AOP.

Java, Spring Framework 2.0, Spring MVC, Velocity, HTML, CSS, JavaScript, Hibernate 3, Jetty 6, Tomcat, OC4J, PostgreSQL, Eclipse.

Senior Developer

Jul 2006 – Dec 2006

[JP Morgan Chase](#)

Developer on the [Qpid project](#) This is open source implementation of the Advanced Message Queue Protocol ([AMQP](#)). The project provides a broker implemented in Java and C++ and clients implemented in Java, C#, C++, Ruby and Python. I improved and maintained the Java broker and clients in both Java and C#.

Java, Generics, Multithreading/Concurrency, Java 5, Java 6, C#, JetBrains IntelliJ IDEA, Microsoft Visual Studio 2005, JetBrains ReSharper, Windows, Linux

Lead Developer

Jul 2005 - Jul 2006

[T-Mobile](#)

Improving, streamlining and maintaining the Strategic Partner Interface which provides online and batch interfaces to third parties such as Virgin Mobile and BT.

Java, C/C++, WebLogic Platform 8.1, Eclipse, Spring, Swing, Tuxedo 8.1, Oracle, Sun Solaris, Linux

Senior Programmer (J2EE)

Jan 2004 - Jun 2005

Optus

Member of a team developing a Service Management System (on the whole a CRM system). The software process we followed was Feature Driven Development (FDD).

Mentored 4 new developers to the project. Built the business delegate layer between the Macromedia Flex based user interface and services provided by Hibernate and WebLogic Web Services. Built auditing and logging subsystem leveraging Aspect/J and WebLogic Aspect System (from BEA dev2dev). This used a WebLogic AuditProvider to enable the auditing of authentication events. Web Services were used to provide auditing and logging services to external applications. Built a WebLogic authentication provider which was configurable via a JMX property to authenticate in one of three ways. Enhanced this provider by implementing additional JMX interfaces in order to make it compatible with WebLogic Portal. Set up development and system test environments and ensured that the application to deploy successfully in that environment.

WebLogic Platform 8.1, WebLogic Workshop, JBuilder X, Eclipse, Hibernate 2.1/3.0, Web Services, Entity Bean CMP 2.0, Macromedia Flex, Sybase, Linux, HP-UX.

Senior Developer

Jul 2003 - Oct 2003

Transcore Australia

Worked on a Toll management system written in Java, JDBC, RMI and Oracle 9i PL/SQL. The system was a custom built application server heavy with multithreading/concurrency, and networking code (both TCP/IP streams and UDP/IP datagrams). Application Server framework based on custom services framework utilising Doug Lea's concurrency utils which became the foundation for the addition to Java 5.

Raised awareness of JMS and promoted it as a solution to reliable distributed messaging requirements. Through a number of refactorings, removed almost 1000 lines of redundant code. Improved productivity by re-enabling the testing system including JUnit test cases. This allowed the developer to test conveniently from their Windows development machine rather than building the application and deploying to the Sun-Solaris server before testing can proceed. This also enabled graphical debugging from within the integrated development environment, IntelliJ. Diagnosed and fixed a critical issue caused by a race condition which allowed messages to be processed out of order. Performed intensive code reviews, pointing out and resolving many various problems with the application code. Modifications to log4j application logging in order make the system more manageable.

ADC, Software Systems Division (Acquired by Intec)**Jan 1999 - Apr 2003**

Senior Technical Software Developer doing R&D on CRM and billing products.

Java, Tomcat, WebLogic, Apache HTTPD, JPython/Jython, JNI, Servlets, JSP, C, C++, BEA Tuxedo, Oracle, Perl, Python, Shell.

Dialog Information Technology**Feb 1993 - Dec 1998**

Senior Analyst/Programmer for various private and government clients.

C, ESQ-C, HTML, Visual Basic 5.0, BEA Tuxedo, Ingres RDBMS, Ingres ABF, HTML.

CITEC**Dec 1990 - Feb 1992**

Analyst/Programmer on industrial training from QUT. Worked on a number of different government systems including Furniture and CISP.

C, ESQ-C, Ingres RDBMS, Ingres ABF, DEC Rally.

Education

Master of Information Technology - 2004

Queensland University of Technology
GPA: 6.0 (of 7.0)

Bachelor of Applied Science (Computing) - 1992

Queensland University of Technology
GPA: 5.173 (of 7.0)

Tertiary Entrance Score - 1988

TES: 970 (of 990). i.e. within the top 3%.

Runner up to Dux with subject awards for Maths I, Maths II and Physics.

Professional Development

The Server Side Java Symposium Barcelona (3 days)	The Server Side	2007
Spring One (2 days)	Interface21	2006
Dynamic Languages Day (1 day)	Vrije Universiteit Brussel (VUB)	2006
XP Day (2 days)	XP Day organisation	2005
BEA WebLogic Platform 8.1 (1 day)	BEA	2004
Professional Presentations (2 days)	AIM	2002
BEA Tuxedo (5 days)	BEA	2002
Implementing Java Security and Java eCommerce Applications (3 days)	Aserit	2000
Leadership and Teams (4 half days)	ADC	2000
Object Oriented Analysis and Design with UML (5 days)	Software Education	2000
JavaSpaces	Netstorm	2000
Java Thread Programming - Tips and Traps	ADC	2000
Developing CORBA Services Using Java	DSTC	1999
Advanced Java - Threads, RMI/CORBA, JFC/Swing, Servlets (3 days)	Aserit	1999
People Issues in Software Process Improvement	SEA	1999
WebLogic and Enterprise Java Beans (1/2 day)	Adaptec Technologies	1999
Design Patterns for Distributed Objects	AJUG	1999
Object Mentor (1/2 day)	Object Consulting	1999
Programming with Microsoft Visual Basic 4.0 (5 days)	Dialog	1996
Oracle RDBMS SQL, PL/SQL, SQL*PLUS (5 days)	Oracle	1995