

# Steven Shaw

[steshaw@gmail.com](mailto:steshaw@gmail.com)

Mobile: 0781 580 7172

<http://abstractsimplicity.org/>

## Profile

Technical Lead and Senior Developer with 15+ years experience in applications development. Seeking a hands-on position where there is an open exchange of ideas with other smart, motivated people.

- 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, 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

- Reduced lines of code in T-Mobile's Strategic Partner Interface – a B2B application - 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 small team 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

Noble Technology Ltd

Jul 2005 - Present

## 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, Hibernate, Jetty, Tomcat, OC4J, PostgreSQL, Eclipse.

## Senior Developer

Jul 2006 – Dec 2006

[JP Morgan Chase](#)

Developer on the [Opid 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

## Top Gun Consulting

Apr 2003 - Jun 2005

## 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). 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.

- Mentored 4 new developers to the project, 1 who was in my team and 3 who were in a team doing parallel development on Service Desktop to bring about integration with the inventory system.
- 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.
- Responsible for setting up development and system test environments and getting the application to deploy successfully in that environment.

**Senior Programmer**

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 from a package.
- 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**

Jan 1999 - Apr 2003

ADC Software System Division - acquired by [Intec](#).

**Senior Technical Software Developer****CRM and Billing R&D**

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

Dialog is a successful software consultancy.

**Senior Analyst/Programmer****Various private and government clients**

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

Previously completing University studies in 1992 after a year doing work experience at [CITEC](#) (Dec 1990 - Feb 1992).

# 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 (1992).

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)

[Spring One](#) (2 days)

[Dynamic Languages Day](#) (1 day)

Scheme, Smalltalk, Self & Common Lisp

[XP Day](#) (2 days)

BEA WebLogic Platform 8.1 (1 day)

Professional Presentations (2 days)

BEA Tuxedo (5 days)

Implementing Java Security and Java eCommerce Applications (3 days)

Leadership and Teams (4 half days)

Object Oriented Analysis and Design with UML (5 days)

JavaSpaces

Java Thread Programming - Tips and Traps

Developing CORBA Services Using Java

Advanced Java - Threads, RMI/CORBA, JFC/Swing, Servlets (3 days)

People Issues in Software Process Improvement

WebLogic and Enterprise Java Beans (1/2 day)

Design Patterns for Distributed Objects

Object Mentor (1/2 day)

Programming with Microsoft Visual Basic 4.0 (5 days)

Oracle RDBMS SQL, PL/SQL, SQL\*PLUS (5 days)

The Server Side 2007

[Interface21](#) 2006

[Vrije Universiteit Brussel \(VUB\)](#) 2006

[XP Day organisation](#) 2005

[BEA](#) 2004

[AIM](#) 2002

[BEA](#) 2002

[Asert](#) 2000

ADC 2000

Software Education 2000

Netstorm 2000

ADC 2000

[DSTC](#) 1999

[Asert](#) 1999

Software Engineering Australia 1999

Adaptec Technologies 1999

AJUG 1999

[Object Consulting](#) 1999

Dialog 1996

Oracle 1995