

"Make everything as simple as possible, but not simpler"

About Me

Einstein wrote that you should *"Make everything as simple as possible, but not simpler"*. Using my experience in the field, and my ability to visualize solutions from abstract ideas I am able to make this statement reality by creating systems that solve complex problems using simple solutions.

Software development is the art of creating concrete implementations from abstract ideas using the best tool for the job. I am not a Java developer; I am a developer who regardless of the problem at hand will use the best tool for the job utilizing techniques that supersede programming languages and APIs.

Skills

The following section contains a brief overview of some of the technologies I've utilized during my career.

Java

I've been developing professional Java solutions for 7+ years utilizing a variety of toolsets for projects both on and off the web. I've developed a deep understanding of the core Java language and am constantly picking up new technologies through self driven study and experimentation. In addition to the core libraries (1.1 through 5.0) I also have experience with the following third party APIs:

- Hibernate (version 1+)
- Servlet / JSP
- Spring
- Groovy
- Ant / Maven
- Log4J
- Jakarta Commons (logging, lang, collections, etc)
- JUnit / TestNG
- JGroups

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- JBoss APIs (JBoss-Cache, JBoss-JMX, etc)

(several technologies have been left off for the sake of brevity)

Database Design

Over my career I've had the opportunity to work with a variety of different database technologies, and as such have a good understanding of database design and implementation in the real world. Some of the database technologies I've developed for include:

- Oracle (version 7+)
- Oracle PL/SQL
- MySQL
- DB2
- McKoi
- Derby

Other

Operating Systems

Throughout my career I've worked and developed for a wide variety of operating systems. I have functional experience with the following operating systems:

- Mac OS X (10.0 - 10.4)
- Windows (3.1 - XP)
- Solaris
- Linux (many variants)

Ruby On Rails

As someone who had developed using Ruby pre-Rails and the power it enabled towards object oriented design I was thrilled when Rails was released. Since that time I have deployed projects using Rails and have found it be a great tool for the *right* project. My experience with large enterprise software has given me the tools

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to develop projects utilizing rails that are secure, fast and finished in a short period of time.

Software Tools / Other Skills

Finally the following lists some technologies and software packages that I've also become familiar with that I've used supplement my major skill-set:

- Java IDEs (IntelliJ IDEA, Eclipse, Netbeans)
- SVN / CVS
- JProbe
- AspectJ / JBoss AOP
- Adobe Photoshop
- Adobe Illustrator
- Dreamweaver
- HTML / CSS / Javascript / AJAX
- Cocoa
- PHP
- Perl
- Shell Scripting

Experience

I've used my skills to create a large variety of projects for a number of different companies. The following outlines some of the projects I've had the pleasure of developing:

Company:	BenchKeeper Software
Date:	February 2003 – September 2006
Role:	Lead Software Developer
Description:	BenchKeeper is a Laboratory Information Management Software solution used to manage information within a network utilizing a client and server component both written in Java.
Responsibilities:	<ul style="list-style-type: none">• Designed and implemented entire application using

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Java 1.4 and 1.5 and a whole suite of complimentary technologies such as JBoss, maven, Java 2D, etc.

- Lead a small team of developers in implementing portions of the architecture, conducted quality control and ensuring requirements were met.
- Dealt with clients regarding technical support and product assistance after product was shipped.

Company:	Tropical Poker
Date:	November 2005 – August 2006
Role:	Database Developer / Java Technical Lead
Description:	Tropical Poker is a poker site developed in PHP for the front end and a combination of Java and PL/SQL with Oracle on the server.
Responsibilities:	<ul style="list-style-type: none">• Implemented multiple Java API's used to communicate with a number of credit card processing APIs over HTTPS using XML.• Wrote PL/SQL functions and triggers used to communicate and interact with the Java API within the database.• Dealt directly with client to discover technical needs and project requirements.

Company:	WebKinz
Date:	May 2006 – August 2006
Role:	Senior Java Architect
Description:	WebKinz is a large flash based website that communicates with toys that are sold through traditional brick and mortar stores. Having outgrown their original "off the self" flash server they required a solution which handled a larger number of users.
Responsibilities:	<ul style="list-style-type: none">• Architected Java based flash server to replace current "off the self" solution which provided enhancements including fault tolerant service and

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the ability to cluster.

- Implemented proof of concept implementation of the server, which showcased the various features that the server implemented.

Company:	Sungold Entertainment
Date:	January 2004 – March 2005
Role:	Java Architect
Description:	Sungold provides a product called Horsepower, which is a virtual horseracing system, deployed to kiosks around the world.
Responsibilities:	<ul style="list-style-type: none">• Worked directly with client to re-define the application and the enhancements that needed to be made.• Developed project plan and architecture documentation that outlined the necessary changes.• Implemented project documentation to re-build the project implementing the new features identified in during the planning process.

Company:	Make Technologies
Date:	November 2001 – February 2003
Role:	Team Lead
Description:	Make Technologies is a software development firm who's purpose is to accommodate the needs of their client while developing tools internally to help expedite the process.
Responsibilities:	<ul style="list-style-type: none">• Worked as a team leader in implementing and designing solutions for Makes large client base including:<ul style="list-style-type: none">○ Placerdome International○ QTrade Financial Group○ Akati Diamonds• Helped to develop internal toolset to aid the internal development teams.

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- Worked directly with clients to help discover their needs and provide solutions.

Company:	QTrade Financial Group (Make Technologies)
Date:	September 2002 – February 2003
Role:	Project Lead
Description:	QTrade is a Vancouver based online stock company who required an online stock ticker for their clients.
Responsibilities:	<ul style="list-style-type: none">• Worked with client directly to help develop project requirement documentation.• Lead team of developers in producing a solution, which addressed the clients, needed utilizing Makes internal toolset.

Company:	Placerdome (Make Technologies)
Date:	January 2002 – September 2003
Role:	Technical Lead
Description:	Placerdome required an online website with a host of administration tools to update their site and stay in contact with their clients.
Responsibilities:	<ul style="list-style-type: none">• Helped to develop project requirement documentation along side the Team Lead.• Worked along side with an external marketing group, that handled the look and feel of the site.• Developed the server side code used to handle the administrative functions required by the client.

Company:	Tantalus Communications
Date:	October 1999 – November 2001
Role:	Java Developer
Description:	Tantalus was a consulting firm specializing in creating Java based solutions used to address the needs of their diverse clients.

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Responsibilities:

- Utilized various Java technologies to build solutions for clients both internally and externally. Client list included:
 - SVN International
 - Horsepower World Pool
 - 3R Systems
 - Open Learning Agency
- Later became Team Lead and helped in the planning and management stages of the various contracts.

(several projects have been left off for the sake of brevity)

Contact Information

If you need to contact me you can do so directly through email at chris@shorrockin.com, through my website at <http://www.shorrockin.com/>, or through telephone at 604-531-0568.

References

All references are available upon request.