

RUSSELL BATEMAN

1778 South Oregon Avenue • Provo, Utah 84606 • (801) 371-0431 • (801) 368-1716 • russ@windofkeltia.com

SOFTWARE DEVELOPER

SKILLS AND TECHNOLOGIES

Java	Eclipse	JEE (J2EE)	servlets JSP JSF JAXB REST
HTML CSS	SQL (MySQL)	JDBC	Hibernate
Apache Tomcat	ant	Android	Multi-threaded programming
C/C++	bash	Linux (Unix)	shared-objects
Quartz		Agile XP and Scrum methods	
Spring Source-trained			

QUALIFICATIONS

- Excellent communication skills
- History of working directly with customers and other third parties
- Proven ability to keep schedules and go the extra mile
- Eclipse IDE specialist and tutorial author; Eclipse Community Awards finalist, 2010
- Long experience developing software for world-class organizations

SOFTWARE DEVELOPMENT

- Created Hitachi (HCAP) and Amazon Web Services storage engines
- Architected first truly multi-threaded, multiprocessing and POSIX environment for NetWare
- Partnered with Metrowerks on development tools
- Headed technical development partnerships with Xerox, Hitachi and Mitsubishi
- Developed and ported several major software products in multiple organizations to myriad and widely diverse OS platforms
- Created product-wide, multi-platform installation and build scripts in make, bash, ant, etc., intimate familiarity with package managers
- Led out in Macintosh "black art" software including print drivers
- Acolyte of test-driven development

COMMUNICATION

- Communicate the project beyond mere development and coding
- White papers, design and "how it works" documents
- Author of numerous articles and presentations, especially on JEE topics
- Active polyglot and linguist with competence in French, Latin, other Romance languages, German and Greek

WORK EXPERIENCE

Avocent, Inc., Huntsville, Alabama

2010

Senior Software Engineer

Developed middleware console, Avocent Management Platform, for use by various monitoring products using servlets, SOAP and WSDL from Java. Rewrote all SQL queries in product to use prepared statements. Ported support for new Flexera licensing component to Linux version including build, daemon scripts, makefiles and Java-native interface (JNI) work; some C/C++, and bash and extensive Linux OS work. Maintenance of existing enterprise service bus (Apache ServiceMix) modules.

GWAVA Technologies, Montreal, Quebec

2008-2009

Software Developer

Developer on GWAVA Retain product which provides compliant e-mail archiving and retention for Novell GroupWise. Integrated Hitachi Content Archive Platform (HCAP) into Retain's suite of storage engines. (These are REST clients.) Implemented new multi-threaded statistics package. All done in Java, JSP, servlets, using Quartz, and extensive Tomcat.

Over-saw continued localization of product into French, German and Spanish. Java resource bundles.

Quest Software, Inc., Aliso Viejo, California

2005-2008

Senior System Software Engineer

Collaborated on Vintela Authentication Services products which open Active Directory to Linux and Unix workstations and servers via PAM technology. Maintain Linux (Unix) code base in C using GNU Autotools, bash scripts, etc. Authored universal product installation in Bourne and bash shells for all supported platforms plus all packaging for Tru64 platform and packaging for RedHat, SuSE, Solaris, AIX, HP-UX, Debian, others.

Novell, Inc., Provo, Utah

1989-2005

Senior System Software Engineer, Technical Team Lead and Architect (1992-2005)

Architected and implemented first, truly multi-threading, multiprocessing and POSIX environment for NetWare. Led team of 5 in supporting 4 major NetWare releases. C, Intel x86 assembly, makefiles and DOS batchfiles. Standards ANSI, ISO, Unicode, etc.

Made NetWare an easy target for Open Source ports like Apache, bash, Mono, MySQL, PostgreSQL.

Designed C runtime library for NetWare based on UNIX Systems Lab codebase.

Original principal on Novell's project code-named Modesto slated to replace NetWare. Rolled technologies into NetWare after project demise.

Eased language and locale issues in NetWare programming by consolidating and simplifying Unicode, time and locale libraries.

Partnered with Motorola/Metrowerks on primary C/C++ toolset supporting NLM development.

Ported NetWare application execution kernel to multiple platforms including Dec Ultrix, Sun Solaris, HP/UX and Apple Macintosh as part of the Platform-independent NetWare effort.

Opened NetWare to developers both inside and outside Novell by writing numerous technical notes, articles and white papers on heretofore unknown or ill-understood topics. Collaborated closely with Documentation and SDK teams.

Anchored developer presentations for 14 years at world-wide technical conferences on NetWare programming.

System Software Engineer/Team Manager (1990-1992)

Managed team of 10 providing eDirectory and other Novell interfaces for client application development on DOS, Windows, OS/2 and Macintosh while coordinating with and reporting into multiple management structures in multiple geographies.

System Software Engineer (1989-1990)

Ensured AFP connectivity of Macintosh clients to NetWare by designing and implementing APIs for developers that integrated Novell services including eDirectory. C, Motorola 68K assembly.

Enhanced a Novell partner relationship by designing and writing a Macintosh print driver for Xerox Corp.

Etretat Logiciels, LLC, Provo, Utah

1990-present

Applications Programmer

Designed and implemented, under contract with Automated Language Processing Systems and St. Martin's Press Publishing, lesson and test authoring software for the Macintosh computer. C, application-generators.

Designed and implemented a Macintosh desk accessory implementing a writing-style guide for distribution by St. Martin's Press Publishing.

EDUCATION AND TRAINING

- Bachelors from Brigham Young University, Provo, Utah
- Two years at University of Paris X, Nanterre, France
- Various continuing education courses in Macintosh and Windows UI programming, early C++ development, data communications, Java concurrency, design patterns, C#, [Spring Core Foundation training](#)

PATENTS, PUBLICATIONS AND PRESENTATIONS

PATENT SUBMISSION

- Bateman, Henriksen and Neill, "[Scheme for Optimizing Calls to Functions on the Pentium Processor,](#)" published by *Novell Developer Notes*, August 1998

PUBLISHED PAPERS, ARTICLES, TUTORIALS

- Current Java, JEE, Eclipse and other publications at <http://www.javahotchocolate.com>
- Additional publications listed at <http://www.etretatlogiciels.com>

PRESENTATIONS

Various presentations at technical conferences in London (1 year), Salt Lake City (14 years), Tokyo (2 years), Nice (5 years) and São Paulo (2 years), often two or three presentations at each of these conferences.