

Kevin Lussie

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Education: BS in Computer Science, [University of Idaho](#)

Systems Integration (Business Development)

- Proven track record of winning global clients for 7 years as an independent consultant. Clients include Vodafone, T-mobile(Era), Sirius/XM and Síminn (Iceland Telecom).
- Well connected with major systems integrators including Oracle Consulting, IBM Global Services, Accenture and HP.
- Successfully managed sign off, compliance, statements of work, project schedules, release processes and procedures.
- Experienced with building outstanding project teams that consistently delivered positive results on multiple projects.
- Experienced in project planning, project management, risk analysis, performance tuning & testing, and pre/post-production tests

Systems Integration (Technical Expertise)

- Over 15 years experience with deployment, customization and integration of Oracle Billing & Revenue Management (BRM)/Portal Infranet on multiple customer sites.
- Well experienced with using Purify to find and fix memory leaks in C applications and customizations. (BRM and non-BRM based)
- EAI experience includes BRM integration with Ericsson Air CS3, ICMS, Tibco, WebLogic, Apache, Tomcat, and Siebel.
- Working knowledge of database server installation including Oracle database (Windows/Unix), MySQL(Windows/Unix) SQL Server and Oracle GoldenGate.
- Authored functional specifications, design specifications, interface agreements and user acceptance test plans for systems integration projects.

Software Development

- Over 18 years experience in software development.
- Extensive experience in C (with Purify memory leak detection), Java (Server and GUI), Perl, XML (including C-based CURL and libxml2 development), HTML, JavaScript, AJAX, Soap, XSLT, XML-Schema, CGI-programming, and shell-scripting.
- Working knowledge of C++, Python, Ruby on Rails, Adobe Air, PHP, Horde, SQL, PL/SQL, JDBC, LDAP, J2EE and HTML5.

Release Engineering

- Well experienced with build and release management as well as product life-cycle maintenance
- Extensive experience with subversion (SVN) (including compiling it on HP/UX), CVS (usage and setup), ClearCase (usage and setup), Makefile generation, Ant file generation, Installshield Multi-platform, I18N and L10N installers.
- Experienced with creating automated multiplatform build scripts, web based on-demand build applications, automatic unit-test and release verification systems

System Administration

- Well experienced with setup and administration of Linux, Solaris and Windows as well as Virtual Machines (VMWare, VirtualBox and Oracle Virtual Server)
- Web Server / Proxy Server setup and administration (Apache, Weblogic, Tomcat). Mail server setup and administration (sendmail, qmail, ezmlm, UW imapd SSL).
- Cisco router setup, network security, oracle database setup and administration.
- Experienced with installing purify, subversion and CVS.
- Working system administration knowledge of Free BSD, AIX and HP/UX
- I currently have a T1 line to my house using two class C IP address pools, hosting roughly [30 servers](#). I have set this up from scratch and currently administer and maintain this network.

Work Experience

Oracle (Santa Clara, USA)

BRM Engineering Solutions Architect - September 2010 - Current

- Traveled to "critical" customer sites fixing production BRM implementation issues at Cox Wireless, Dow Jones, Telstra Australia, Vodafone Hutchison Australia (VHA) and Telefónica/Movistar México. As a result, those customers were happily removed from the critical accounts list.
- Performed "Health Checks" (Improvements of customer BRM implementations) at Iridium and Telecommunications Services of Trinidad and Tobago (TSTT) resulting in better customer satisfaction and extended consulting contracts for Oracle.
- Hosted "BRM Payments and Collections" "Deep Dive" information and training sessions with Korea Telecom.
- Created initial implementation of "near zero-downtime upgrade" for BRM 7.3.1 to 7.4 using Oracle GoldenGate resulting in less than 2 hours of downtime vs. two days of downtime for system upgrade.
- Demonstrated "near-zero-downtime" BRM upgrade to France Telecom.
- Created Linux-based BRM Virtual Machines (VMware and VirtualBox) allowing for instant "ready-to-use" BRM development environments. (Usually it takes about 1-2 weeks to properly install and configure BRM from scratch)
- Created web-based versions of BRM client applications (testnap and object browser) using JavaScript, AJAX and BRM Web Services.

Invisalign (Santa Clara, USA)

Independent BRM Consultant - June 2010 - August 2010

- 3 month contract debugging and re-writing Oracle BRM 7.3.1 customized C code resulting in better system performance and improved code readability. Project included integration of BRM with JDEdwards using Tibco via web services.

Siminn (Iceland Telecom) (Reykjavik, Iceland)

Billing Systems Consultant - October 2006 - May 2010

- Consulted with the development and operations teams of the Siminn's Billing System for IPTV, video on demand, mobile phone and internet services.
- Worked closely with development, operations, marketing, pricing and upper management to resolve all Infranet/BRM related issues. Reviewed all code related to BRM (C, Java, Perl and SQL scripts) as well as performing risk analysis of changes and bug fixes. Liaison with Oracle BRM Technical Support.
- Fixed the botched Infranet/BRM upgrade that was performed (in 2005) by Portal Professional Services Group.
- Helped resolve many crises: Installing and testing emergency patches from Oracle, performing data_cleanups to get the system working. Improved billing performance to run twice as fast.
- Convinced the development and operations teams to use Subversion source control (previously source control was not used) as well as setting up BRM within subversion for production, and development environments.
- Validated that we had all the proper customized source files (over 200 files) that matched the binaries on the production systems and placed them into source control.(i.e. manually finding source files that matched binaries)
- Created a deployment process that used Subversion to deploy new components to production. Ensuring that all production machines have the same binaries and similar configurations.
- Installed the Integration-Test, Multi-User Development and "purify" environments for BRM/Infranet.
- Developed custom opcodes, created custom data managers for Ericsson CS3 AIR and Tibco, fixing bugs, etc.
- Installed prototype upgraded Linux environment (BRM 7.3.1) to be deployed to production.

Sirius Satellite Radio (New York, USA/Canada)

Senior Billing Architect (Permanent Position) - June 2006 - October 2006

- Lead a team of 10 with the architectural and technical aspects of the Infranet/BRM billing system. Provided in-depth functional, technical, & application specific knowledge to the business, finance, operations, and release mgmt teams.
- Supervised technical aspects of the project including: leading design meetings, project scoping, and ensuring the system adhered to C and Java coding standards. Reviewed source code and performed gate-keeping.
- Initiated Service Oriented Architecture (SOA) opcode wrappers for external applications.
- Designed and implemented Java Command-Line API [with strict javadocs ;-)] for easy creation of data cleanup, financial reporting and testing applications, including a Multi threaded bulk account creator using XML input.
- Reviewed designs and scoped timelines for new features and changes with the upgrade to Infranet 7.21

Sirius Satellite Radio (New York, USA/Canada)

Independent Contractor - Senior Technical Consultant - June 2005 - June 2006

- Integrated and deployed of Portal Infranet 6.5FP3, (over 3 million subscribers and growing)
- Designed and coded three Data Managers (external interfaces) for real-time gift card validation using XML messaging to communicate with prepaid card vendors: [InComm](#), [Precept/PaySpot](#) and [PreSolutions](#). (in C using CURL and libxml2)
- Created custom opcodes for gift card redemption, applying the redeemed gift cards as new payment types. Other opcodes included adhoc gift card, credit card and direct debit payments regardless of the customer's default payment type.
- Created prototype designs for CSR account creation tools which removed more than 10 manual steps which, after implementation, increased revenue as on the previous system manual input errors occurred 20% of the time in account creation.
- Authored Requirements Documents, Design Specifications and Unit Test Plans.
- Wrote automated test scripts and utility scripts to dump and restore the database.
- Performed "purified" builds of custom code, analyzed data to find and fix the memory leaks. Wrote a custom application to allow for purified Data Manager testing.

Vodafone Pacific (New Zealand, Australia, Fiji)

Independent Contractor - Senior Technical Consultant w/ [IBM Global Services](#)- September 2004 - May 2005

- Performing Billing Systems Integration of Portal Infranet 6.7FP3/7.0, Siebel and IBM WBI to replace the legacy billing and customer management system (**over 10 million total subscribers**)
- Managed the Data Warehousing Interfaces. Analyzed the business requirements by hosting workshops with external customers such as Teradata and Altis. Authored the interface and design specifications, and created the data extraction scripts and executables.
- Created the direct debit and credit card payment systems. Collected the business requirements from Vodafone. Authored the interface and design specifications
- Designed and automated the end to end testing process, including: database restoration, account creation, MSISDN number assignment, priceplan purchasing, CDR data generation, billing and invoicing, credit/debit card payments, and Data warehouse extracts.
- Managed the End to End Revenue Assurance Interfaces (E2E RA) with external vendors Aligent Technologies and Azure, hosting workshops and authoring the design specifications.
- Wrote over 3000 lines of XSLT to transform AYA XML invoices into Print Vendor Line Delimited Form.
- Interviewed and hired 5 contractors for the IBM Global Services team
- Trained 10 new team members from 5 different countries

T-Mobile/Era-PTC (Poland)

Independent Contractor - Senior Technical Consultant w/ [Accenture](#)- April 2004 - August 2004

- Performed Billing systems integration of BSCS, BMP, Tibco and Portal Infranet 6.5 FP3 (**over 17 million active customers**)
- Provided expert knowledge about Portal Infranet which included: Extending the Infranet Datamodel, Designing and implementing custom opcodes and data managers
- Authored Functional and Design Specifications.
- Performed Event post-rating policy customizations.
- Created Price Plans (Product Catalog) for Era's Products.
- Created Event Loader templates for loading prepaid SMS/MMS/GPRS CDR's (Call Data Records) from BMP.
- Trained team members on pricing configurations, Infranet API, and focused on trouble-shooting pointer errors, preventing cm core dumps and ensuring against memory leaks.
- Performed integration tests, and tuned the system for performance.
- System went live and on-time with phase I in late July. phase II in late August.

Airprism, Inc. (Redwood Shores, California) (acquired by [Wavelink](#))

Independent Contractor - Release Management Consultant - March 2004

- In one month I created the Installshield Multiplatform installers for the Airprism Mobility Management Suite.
- These installers worked on Solaris, Linux and Windows using Oracle, mysql, and SQL Server databases. They were also compatible with Tomcat and WebLogic 8.1.
- The Airprism installer created the database schemas and seeded the database.

- For the WebLogic installation, the user only needed to install webLogic, and the custom installer performed all necessary Weblogic customizations.
- This installer, allowed for a working system to be set up in *less than 10 minutes*.
- Other Duties included CVS management, automated build script generation, Installshield Bean Programming, JDBC Programming, WebLogic programming and writing specs.

Vodafone Greece - Independent Contractor - Portal Infranet Consultant - October 2003 - Feb 2004

- Designed and implemented Bill Time Volume Discounting Server (C++) and Client Applications (Java) for Infranet 6.5 Feature Pack 3.
- Wrote the design specification and also developed the applications.
- Created C++ client for simulated Siebel Calls to Infranet using the CM_proxy (41 Siebel customer related functions).
- Authored system test plans, created automated test scripts and simulation scripts written in Perl and Python.

iPIN Interactive Transaction Services (Now called Valista) (San Mateo, California)

Senior Engineer/Release Manager - March 2003 - October 2003

- Created demos for AT&T Wireless, Vodafone and others which included: iPIN micro payment Product customization & Integration; Installing and configuring Oracle, WebLogic Apache_ssl and Apache-WebLogic Tunneling; Compiling and configuring open-SSL; Generating SSL certificates for Apache and Installing and configuring GSM Gateway simulators.
- Initiated use of Installshield Multiplatform replacing the previous deployment framework's archive files which reduced product installation time *from 3 hours to 15 minutes*. (Installation documentation decreased from over 100 pages to 30 pages)
- Performed risk analysis audits to identify frequently changed, "bug prone" source-code.
- Developed unit tests for post-build automated testing.
- Re-wrote the Installation Documentation for the iPIN Enterprise Payment Platform and Premium SMS solutions.
- Performed on-going maintenance of the CVS repository.
- Developed a Web-based on-demand build, package and unit test system.

Portal Software Inc. (Acquired by Oracle in 2006) (Cupertino, California) - October 1997 - March 2003

I worked at Portal Software for 5 1/2 years, from startup to IPO, Internet boom, to Downsizing. I worked in Engineering, Professional Services Consulting, Pre-sales, and Release Engineering. The following is a summary of the different positions I held within Portal:

- **Staff Engineer II - Telco Development team - Oct 2002 - Mar 2003:**
 - Developed product using Siebel's UAN architecture, with Tibco and Webmethods as the Middleware.
 - Developed Webservices Interface, Developed XML schema representing all of Infranet's Opcodes
- **Staff Engineer II - Professional Services/Pre Sales - Jul 2002 - Oct 2002:**
 - Implemented proof of concept Billing Demo for [Vodafone/J-phone](#).
 - Created [customized/localized invoices with XML/XSL/XSLT](#).
 - Developed a system for [generating barcodes](#) for bill payments at convenience stores in Japan.
 - Gave presentations to customers, documented and verified customer requirements.
 - Performed system administration tasks including server setup, installation and configuration.
 - We won the \$30 million Deal competing with Amdocs!
- **Staff Engineer II - Release Engineering Architect - Dec 2001 - Jul 2002:**
 - Lead the design and implementation of a networked, cross platform (Windows, Solaris, HP/UX, AIX) build system for use with ClearCase UCM which dealt with 5 major release streams, 12 service pack streams on the 4 platforms in 10 localized languages.
 - Authored the requirements documents and design specifications.
 - Traveled to Germany to assist the Hamburg Office with ClearCase/ClearQuest training, Implementing ClearCase Multi-site
 - Major Accomplishments included ***reducing the build time by 50%***.
- **Staff Engineer II - Customer Center Team - May 2001 - Dec 2001:**
 - Assisted in the development on Customer Center which included adding input/output Flist logging to all apps using JavaPCM and completing development of the Java printing framework as well as bug fixing.
 - Led a pre-sales performance test for [Napster](#) using Portal's WebKit Customer Self-Care Product. As a result, [Napster signed a deal with Portal](#).
- **Staff Engineer II - Developer Tools - November 2000 - May 2001:**

- Promoted to a Staff Engineer II and Continued as Technical Lead for Developer Center with an expanded team.
- Became member of the Advanced Development Team, which created the Corba-based 2nd Generation Infranet Billing System, written in C/C++ and Java.
- Presented at the [2001 Portal User Conference](#) in San Francisco as well as at the Portal Technical Summit 2001.
- Presented Infranet 6.1 Beta-sphere training for Portal's Early Access Customers.
- Traveled to Germany to provide [Deutsche Telekom's T-Online](#) division with technical assistance.
- **Staff Engineer - Developer Technologies - Sept 1999 - Nov 2000:**
 - Promoted to a Staff Engineer and became the Technical Lead for Developer Center - A Java/Swing-based Suite of Developer Tools for Portal's Infranet Billing System, released in Infranet 6.1. Leading a team of 4 engineers. I held this position was from initial product idea to design, to product release.
 - Working with Marketing to gather market requirements by interviewing customers and systems integration partners
 - Wrote functional specifications and design documents, project management, team motivation, coding, and product evangelism.
 - Presented at [Portal User's Conference 2000](#) in San Jose.
- **Technical Consultant (Japan and Italy) - Jan 1999 - Aug 1999:**
 - As a Technical Consultant for Portal's Professional Services Group, I worked with [NTTSoft](#) in Japan and [Telecom Italia](#) in Italy where I performed consulting services which included installation and customization of Portal's Infranet Billing System, Customer Training, Customer Presentations, Legacy Data Migration, Code and Project Reviewing, Pricing plan customizations as well as Going live. ([NTT Satellite communications](#)' service went live two weeks ahead of schedule) Also, I became a liaison between the Professional Services Organization and the Engineering Organization and began development of the Developer Center.
- **Software Engineer (Member of Technical Staff) - Oct 1997 - Dec 1998:**
 - Maintained Infranet Perl API. Assisted in Development of Infranet's Java API. Created the first Internationalized GUI Applications for Portal's Infranet Billing System in Java and C++. Created a prototype installation framework for java applications on UNIX and Win32 platforms. Co-developed the invoicing system. Performed installation and setup of asian and european language test environments for Windows 95/NT and Solaris. Developed the web interface for customer self-care and CSR tools. Created multi-platform Makefiles for build and release engineering. Maintained the CVS source code repository.

[Sun Microsystems](#) - Web Technology Engineer - 1996 - Oct 1997

- Managed Sun's proxy server deployment project. Designed system for Distributing Web related Software throughout Sun's corporate intranet to over 20,000 users. Developed proof of concept Java Applets and Servlets for Java OS Network Computers and other special projects. Technical advisor to various special project teams, dealing with Proxy servers, Applet distribution, Network Computers, and Intranet/Extranet Applications. Educating group and team members of the latest java and web related technology developments. Assisted in Sun's New-hire/New Grad Recruiting Program, visiting various campuses, and interviewing applicants. Assisted in development of Sun's SUN.NET, web-based, remote-access system.

[Fujitsu/First Step Research](#) - Software Engineer - fall, 1994 - 1996

- Lead Java Developer. Developed Various Java Applets and Applications including Object Repository Software used to create Dynamic HTML documents as well as custom applications. Installed and administered Solaris/Linux/Windows 95/NT. Assisted in CVS Source code repository installation and maintenance. Performed software and hardware investigation and purchasing. Assisted with Internet Service Providing. Developed Internet Advertising content. Provided High Level Technical Support.

Foreign Languages: Intermediate Japanese and German. Beginning Russian, Italian, Polish and Greek.

Activities, Honors and Awards

[Achievement Award](#), Sun Microsystems, 1997 for Developing Sun's Sun.net web-based remote access system.

ACM President, [University of Idaho Student Chapter](#), 1995

International Student, Nihon University, Tokyo, Japan, Jan-May 1994

Non-Computer Related Interests

Audio production, DJ-ing, foreign languages, international travel, linguistics, video production, photography, hiking, golf, camping, acting and fine dining.