



Allen Lee Haslup

SUMMARY

Mr. Haslup is an Information Technology professional with over sixteen years of experience as a Software System Designer and Development Team Leader. Combines strong Java / J2EE developer skills with the communication skills and business process intuition needed for effective requirement gathering and a technically sound system design that meets the client's business requirements.

Industries: Design and Development of Software Development Environments, Transportation / Logistics (Railroads), Telephony (Traffic Analysis and Hardware Provisioning), Environmental Monitoring and Compliance, Environmental Mitigation Process, Academic Administration Data Systems.

Functional Areas: Senior and Lead Developer, Database Designer, Business-process Automation Consultant.

Methodologies: Traditional, RAD, RUP.

SKILLS PROFILE

Application Development Tools: Eclipse IDE, WebSphere WSAD &RAD, VisualAge and VisualWorks Smalltalk

Application Package: Apache Web Server, Tomcat, WebSphere, WebLogic, Corel Paint Shop Pro X2, Gimp

Databases / DB Tools: Oracle, MySQL, iBatis & Abator (now called iBator), DbVisualizer, Toad, Silverrun Data Modeler, Embarcadero ER/Studio

Desktop Tools: Microsoft office tools (Word, Excel, PowerPoint), Visio, Cygwin, Tortoise SVN, WinCVS

Hardware: X86 and other PC-Compatible Machines.

Methodologies / Techniques: Multiple SDLC, including rapid iterative development.

Network Software / Communications: TCP/IP, HTTP, HTTPS, FTP, SSH

Operating Systems: Windows (XP, NT, 2000) Linux (RedHat), OpenBSD, HP/UX, Solaris

Programming Languages: Java, JSP, Smalltalk, Prolog, C, C++, Fortran, SQL

Testing Tools: junit

Utilities / Command Languages: Windows/DOS Command Files, CSH, BASH, Vi, Grep

Other: Struts, XML, XSLT, Web Services, Subversion (SVN), log4j



PROFESSIONAL EXPERIENCE

KEANE, INC.

06/04 - 05/09

NC DENR ECOSYSTEM ENHANCEMENT PROGRAM

07/06-04/09

STATE GOVERNMENT

Senior Developer

Mr. Haslup has been the Senior Developer for the new EEP Information Management System. This system replaces an existing system and manual processes for the Environmental Enhancement business process from planning environmental mitigation to tracking mitigation compliance through the project's lifecycle to completion. The EEP Project is a multi-module web-based Java application delivered in phases. The first phase consisted of the DOT TIP List Maintenance Module (TIP), the Project Information Tracking module (PITC) and the Mitigation Request and Permit Tracking module (MRPT). The second phase consisted of the Property Acquisition module (PADM), and the Accounting and Forecasting and Buy/Sell Credits Modules (AFM).

- Wrote most of the back-end business logic for the EEP project.
- Developed the service layers for the TIP, MRPT, PITC and AFM modules.
- Performed initial development of the scripts to automatically generate the IBATIS SqlMaps and DAOs using the Abator generator tool and wrote SqlMaps for many of the hand-coded custom queries that fell outside the capabilities of the automatically generated maps.
- Worked with the front-end developers to ensure that the back-end services I developed worked correctly with the JSPs that they produced.
- Wrote scripts for data extraction and migration from EEP source files into EEP IMS Oracle Database and validated data migration
- Developed scripts to generate management and end user reports for Crystal Reports and Business Objects Universes.
- Performed troubleshooting and problem resolution for all EEP production modules.

Environment: BEA WebLogic 8.1, Eclipse IDE, iBatis SQLMaps, Abator, Struts, Oracle 10g, Spring, IBeam, Subversion (SVN), log4j

RAILINC

06/2004-06/2006

TRANSPORTATION

Senior Developer (supplemental staff)

Equipment Health Maintenance System (EHMS).

- Implemented stand-alone Web Service client for Railinc Customers to use to submit reports of Wheel Repairs.
- Implemented Alert Notification subsystem to provide notifications to Railinc customers (via FTP or Email) when an alert condition is detected by wayside detectors measuring railcar wheel impact parameters.
- Designed data model and business logic for Alert Management and Notifications subsystems.
- Implemented Car Repair History screens and business logic.
- Implemented Detector Certification History application.
- Designed Detector Alerts Notification System.

Environment: J2EE / WebSphere / WSAD, Axis, ClearCase, Oracle, DB2, Struts, Toad



STIKIWEB.ORG

01/2004-07/2004

OPEN SOURCE PROJECT

Lead Developer

StikiWeb is a WikiWiki processor -- a tool that presents a web site where each page is editable by visitors to the page. StikiWeb differs from other WikiWiki tools in its site administration and permissions model that allows access and administrative functions to mirror delegation of responsibility in a hierarchical organization.

- Designed, developed and deployed an online collaboration tool for hierarchical organizations.

Environment: Java, Struts, Tomcat, CVS

WINGSWEPT COMMUNICATIONS, INC

10/2003 – 2/2004

SOFTWARE CONSULTING/DEVELOPMENT

Senior Consultant

Various Projects

- Modified WCI's proprietary MySQL-based content management system to allow web site content to be stored either as XHTML or as XML input to an XSLT translator.
- Implemented numerous usability improvements to the content management system's administration screens.
- Implemented a time-reporting system to allow WCI contractors to report their time spent by date, customer and project.
- Implemented, deployed and maintained an application for the North Carolina State University AllCampus Network Office web site (www.ncsuallcampus.com) that provided on-line information about procedures and locations for picking up the newly-reissued AllCampus ID cards. Over 30,000 students, staff and faculty used the application to determine whether a new card had been made for them, and at which of several hundred locations the cards could be picked up. (The NCSU AllCampus Network is a client of WCI.)
- Implemented and deployed an administration/reporting application for Auto Remarketing Magazine (www.autoremarketing.com) to allow for maintenance of information about registrants for upcoming conferences. The application allows limited editing (historical information about credit card payments is protected) and allows reports to be created and either viewed in a web browser or opened as an Excel spreadsheet. (Auto Remarketing Magazine is a WCI client.)
- Modified the "What's New" functions on the web sites for the NCSU Dining Halls (www.ncsudining.com) and the NCSU AllCampus Network to allow items in the 'What's New' database to be stored either as XHTML snippets or as XML input to an XSLT translator. (NCSU Dining is a client of WCI.)

Environment: Windows, OpenBSD, Eclipse IDE, Java Servlets, Tomcat, Struts, XSLT, MySQL

UNC INFORMATION AND LIBRARY SCIENCE

03/2003-08/2003

Contract Consultant.

Using generally-available, open-source applications with some custom code, created a collaboration environment where instructors interact with students, and research project teams work together to produce shared documents.

- Investigated the use of a Wiki Web engine (with appropriate extensions) to serve as the basis for an academic collaboration system.
- Added fine-grained access control to an open-source Wiki engine (www.jspwiki.org), to allow administration of groups of Wiki pages to be delegated (to instructors, research group leads, etc..)
- Modified Babylon Chat, an open-source, applet-based, chat and white-boarding application, to use JSPWiki page attachments to read and write images pasted to-, and saved from-, the shared white-board.

Environment: RedHat Linux, Tomcat web server, Eclipse Java IDE with the Sysdeo Tomcat plugin. Chat applet was tested against Netscape 4.7, Internet Explorer 6, Opera 6.01, Mozilla 1.0 and Mozilla 1.3 browsers. Connection between the chat applet and the server used both HTTP and XmlRpc protocols.



NORTEL NETWORKS

06/1992 – 02/2002

TELECOMMUNICATIONS

Senior Object Oriented Engineer

Lead Programmer for various development projects.

- Evaluated the many tools used for Optical and Wireless Network Planning, Network Design, Link Engineering, RF Engineering, and Network Element Configuration within Nortel. (Member of Network Planning Tools Group) Objective was to produce an evolution plan to streamline and standardize the tool portfolio. Contributed particularly to technical evaluation in terms of Nortel's system architectural goals and preference to rely on third-party solutions.
- Evaluated tools used for Product Configuration, Quoting and Ordering within Nortel. (Member of Configurator Systems Group.) Produced an evolution plan to streamline and standardize the tool portfolio. Contributed particularly to technical evaluation of configurator tools in terms of their capability to configure various elements of Nortel's product offering, and in terms of Nortel's system architectural goals and preference to rely on third-party solutions.
- Planned evolution strategy for in-house and third-party tools used for Product Configuration and Quotation, Order Capture and Order Engineering, and Optical and Wireless Network Planning.
- Worked with the Business Process Group to map steps in new processes to available tools.
- Provided recommendations for streamlining tool portfolio to achieve IS cost reduction targets.
- Acted as System Architect, Designer and Technical Lead for the CPAC project (Concurrent Provisioning and Configuration) -- a web-based application that provisioned, configured, and launched orders for DMS-100 switching equipment.
- Provided mentoring and technical leadership to a team of eight developers at several sites in the US and in Canada. CPAC used stateful Java servlets (both VisualAge and Visual Café were used) in a distributed system running on the Java Web Server with Oracle and SQL*NET used for object persistence. Source code control and versioning used the CVS (Concurrent Versions System) client/server code repository manager
- Acted as Designer and Technical Lead for the WAT project (Work Assignment Tool) -- a web-based application that matched System Application Engineers with engineering tasks needing to be scheduled. Assignments were performed on a batch basis every night based on the anticipated complexity of the work and the rating and availability of engineers for the appropriate region. A web-based application provided interfaces for engineers and their managers to interact with the schedules, making any needed adjustments, and produce reports of the scheduled work. System used stateless Java servlets running on the Netscape Enterprise Web Server. Both VisualAge for Java and Visual Café were used with Oracle (SQL*NET) for business object persistence. Scheduling used a simplified time model class library with time stamps and durations that ignored such confusing issues as Daylight Savings time and leap seconds. Saturday at 4:00 PM plus 49 hours was always Monday at 5:00.
- Acted as Designer and Technical Lead for the ONCOR project (ONline Configuration and ORDERing) -- a web-based application that allowed online ordering of DMS-100 switching equipment in the form of high-level 'functional' models. System was a client/server Smalltalk application using ParcPlace VisualWorks with the VisualWave web interface. Business object persistence was accomplished using Oracle.
- Led a team of five developers for ONCOR.
- Acted as Designer and Technical Lead for the QuickQuote/PEN project -- a desktop application that used 'Provider' and 'Consumer' resource relations to provision and configure DMS-100 switching equipment. User could interact with a graphic interface displaying block diagram of the equipment as 'Frame-level Models'. User could query and change the attributes of, and relationships between the components while the system provided ongoing visual indication of any violation of engineering rules. System provided real-time queries VisualWorks Smalltalk the QuickQuote tool was originally conceived as a stand-alone quotation tool. It was renamed PEN when it was adopted as the order entry and quotation tool for the NOM (Network Order Management) project.
- Led a team of ten developers for PEN.
- Provided technical leadership, design guidance and mentoring to other development team members. Teams ranged from 5 to 12 developers, depending on the project.

Environment: Java Servlets, IBM VisualAge, Java Web Server, Oracle SQL*NET, Windows NT 4.0, Rational Rose / UML, CVS, Netscape Enterprise Web Server, Windows 95, Smalltalk/V, HP-UX, Mac OS



EDUCATION

BS	MS
Mass Communications	Computer Science
The Florida State University	The Florida State University
Tallahassee, Florida	Tallahassee, Florida

PUBLICATIONS / PRESENTATIONS / INDUSTRY AWARDS

President's Award for Excellence – Team Award (Future Planning Module)	President's Award for Excellence – Individual Award (PEN) Caribbean and Latin American Region Chairman's Award for Excellence (PEN)
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PROFESSIONAL AFFILIATIONS

Association of Computer Machinery (ACM) - Member	Triangle Java Users Group (TriJUG) - President
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GOVERNMENT SECURITY CLEARANCE

None.