

Resume of Paul Saunders

Paul Saunders

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SUMMARY

Architect, technical leader, and application developer in a variety of business applications is interested in a senior technical leadership position that includes Java technologies, web development, and relational database design.

Technologies and Software

J2EE (Java, EJB, JMS, JSP, Servlets, Struts, JDBC), Web Services, JAX-WS, JBoss-WS, Axis, XML, JAXB, XML Schemas, XSL / XSLT, Javadoc, Java Swing, Applets, JasperReports, HTML/DHTML, CSS, Web 2.0, JavaScript, Ajax, DOJO, PHP, Oracle, DB2, MS SQL Server, MySQL, Relational DB Design, UML, Design Patterns, OOA / OOD, CVS, PVCS, Rational Tools, MS Project, MS Office, Open Office, Visio, Eclipse, JBuilder, ANT

Hardware / Operating Systems / Environments

PC, Sun, IBM AIX, HP, Mainframe, Windows, Sun Solaris, IBM AIX, HP-UX, DOS, JBoss, WebLogic, Websphere, Tomcat, Apache, IIS, XAMPP

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Edaptive Systems, Inc., Owings Mills, MD
December 2010 to present

I am presently leading an effort to redesign the CROWNWeb Application's batch sub-system to run under the Centers for Medicare and Medicaid Services (CMS) Technical Reference Architecture (TRA). The CMS TRA consists of segmenting the application into three physically separate tiers, including the Web tier, the Application tier, and the Data tier. CROWNWeb is the application that collects Facility, Patient, and Clinical data about End Stage Renal Disease (ESRD) patients who are in kidney failure.

Technologies used at Edaptive included Java EE, Spring, JSF, MDB, JMS, and Hibernate running on clustered WebLogic application servers and Apache web servers using an Oracle database.

Principal Software Engineer

Arbitron, Inc., Columbia, MD
December 2004 to December 2010

I lead an effort to cluster all of Arbitron's PPM reporting applications. This includes upgrading the applications to the latest JBoss and java versions and consolidating similar applications together to decrease the amount of maintenance and the number of deployments needed when implementing new requirements.

Architect and technical lead on project that consolidated all of Arbitron's "do not contact" information. Arbitron's "do not contact" information was being managed by many different applications and also by MS Access databases. This project identified all sources of existing "do not contact" information and centralized it. Developed an interface to the "do not contact" enterprise application using JBoss-WS to allow any application to search and update. Developed a web application to allow manual entry and administration of the "do not contact" information. The first delivery of this application automated 5 different manual business processes and eliminated 7 "desk drawer" applications (MS Access databases and Excel spreadsheets), improving the quality of Arbitron's sample selection process and time to market.

Architect, technical lead, and project manager on tactical development efforts at Arbitron. Successfully managed three teams of analysts, developers, and testers. The tactical development team's role was to develop solutions to immediate business problems. The key to this effort was quick turnaround times and aggressive deadlines. Coordinated the deliverables of the three separate teams, one of which was offshore in Cochi, India. Created a new, compressed SDLC and release management process that allowed weekly deployments to our JBoss environments. These efforts enabled Arbitron to get back on track for the PPM market rollout that was delayed in 2008.

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Technical lead on a project that designed and developed a Dashboard application to integrate all of Arbitron's web-based applications. As part of this project, I designed and developed a new workflow management application that keeps track of asynchronously running jobs and the state of the overall PPM Reporting process. The Dashboard application was designed to allow web-based applications to be easily incorporated into the Dashboard without software changes, giving our users one place to go to access all their applications.

Successfully developed a J2EE-based application that processed the qualitative data in Arbitron's small market diaries. The application included complex algorithms and rules to ascribe answers to questions when they are missing and was required to adhere to the company's auditing standards as well as the external Media Rating Council (MRC) standards. This new system has allowed Arbitron the ability to change the questions asked in the diary quickly and easily.

Technologies used at Arbitron included Java, Web Services, JBoss-WS, AXIS, EJB, MDB, JMS, Struts, JDBC, Ajax, DOJO, JavaScript, JSP, HTML / DHTML, and JasperReports running on clustered JBoss application servers and Apache web servers using an Oracle database.

Senior Software Engineer

Convera, Columbia, MD

December 2001 to November 2004

My role at Convera was Architect of Product Development and Technical Leader. Worked with Convera's Senior Product Architect to develop a vision for Convera's enterprise search and retrieval product, RetrievalWare utilizing Java / J2EE and Web Services. Made presentations to the company's senior management. Mentored developers in J2EE technologies, design patterns and OOD.

Architect and technical lead of Convera's first J2EE application, an administration API for the company's enterprise search and retrieval product, RetrievalWare. The administration API allowed the product to be embedded into OEM products developed by third-party vendors.

Managed Convera's Installer project team. I took on this critical role at a time when our competition was using our complex setup and configuration to their advantage. We implemented a new Swing based configuration utility with "quick setup" options that enabled Convera's product to be installed and configured by even a novice user. This effort was recognized by senior management and helped Convera win new business.

Technologies used at Convera included Java, EJB, JCE, JAAS, JMS, XML, XSL, XSLT, HTML, JavaScript, and JSP, JBoss, Tomcat, WebLogic, and Oracle, MS SQL, and Sybase databases.

Senior Software Engineer

Commerce One, Laurel, MD

August 2000 to November 2001

Architect and technical lead on a project that designed and developed a web portal for UCCnet subscribers, providing access to the many services offered by UCCnet and third party solution providers. Led team of 6 engineers and 2 analysts during this project. The portal application was delivered to the customer 1 month early under an aggressive schedule.

Technical lead on a project that designed, developed, and supported a global e-commerce application for UCCnet, a subsidiary of the Uniform Code Council (UCC). The UCCnet application is an open, standards-based, scaleable, distributed Internet trading community offering a registry service with compliance checking and a data synchronization service for UCCnet subscribers.

Technologies used at Commerce One included Java, EJB, JMS, JSP, XML, HTML, JavaScript, and HTML, Apache, Tomcat, WebLogic and Oracle.

Senior Programmer/Analyst

T. Rowe Price, Baltimore, MD

March 1997 to July 2000

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Designed, developed and supported multi-tiered client server applications written in Java, Swing, CORBA, Visual Basic, C++, C, Entera DCE, Oracle and DB2. Mentored other developers on the team in using client server development methodologies and tools.

Led team of 3 developers and one analyst that designed, developed and supported the following applications using Visual Basic, C++, C and Entera for T. Rowe's Financial Management group: Client Billing, Profitability Management, Time Tracker (a time sheet application) and Client Information Management. These "productivity" applications saved the Financial Management group time and money.

Designed and developed a Fund Profitability Tracking and Approval application using Visual Basic, C and Entera for T. Rowe's Investments group. This application improved the accuracy and time to market for T. Rowe's fund reporting.

Senior Systems Analyst

Nortel Communications Systems, Annapolis, MD
December 1996 to March 1997

Managed Call Center application projects for Nortel Communication Systems and Bell Atlantic Meridian Systems. Traveled to sales calls as a technical consultant on IVR and Call Center applications. Met with customers to gather requirements. Developed project plans and schedules. Wrote requirements and design specifications for IVR and Call Center applications. Interfaced with Nortel's software developers and hardware engineers. Managed hardware and software implementations at customer's sites.

Project Manager, Professional Services Division

Compuware, Baltimore, MD
October 1996 to December 1996

Worked as a consultant to a major grocery store chain on their Year 2000 conversion and compliance project. Completed analysis of all mainframe applications identifying potential Y2K impacts. Developed templates for the Y2K team to estimate the time needed to correct Y2K bugs thus ensuring the consistency of estimates. Developed project schedules for converting the customer's critical business systems. Interfaced with customer's management to ensure the schedules were met and adequate resources were being allocated.

Project Manager of Merchandising, Marketing and Advertising Systems

Hechinger, Landover, MD
May 1991 to October 1996

Managed full life cycle development of complex mainframe and client server based systems.

Directed a team of eight to twelve developers that were responsible for the development and support of Hechinger's Merchandising, Marketing and Advertising systems.

Led the development of a decision support and executive information system. This two-year project produced Hechinger's first Windows based application. Technologies used included Visual Basic, a multi-dimensional database and a DB2 data warehouse. This application greatly improved the information sharing and productivity of Hechinger's Merchandising, Advertising, Marketing, Accounting, and Store Operations departments.

Senior Programmer/Analyst

Hechinger, Landover, MD
February 1988 to April 1991

Led full life cycle development of retail-based application systems using COBOL, Easytrieve Plus, Micro Focus Workbench, CSP, CICS, DB2, IMS and VSAM. Led a team of three programmer/analysts.

Designed, developed, and supported Hechinger's Retail Information and Perpetual Inventory system. Developed a Price Management system and integrated it into Hechinger's Retail Information system. The Price Management system was sold back to the vendor that provided the base Retail Information system to Hechinger.

Developed Hechinger's Universal Product Code (UPC) management and reporting system.

Programmer/Analyst

Sovran Bank, Hyattsville, MD

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June 1985 to February 1988

Designed and developed financial and banking application systems including Customer and Account Information, Automated Teller Machine and Telephone Banking applications using COBOL, Assembler, CICS, IMS and VSAM.

EDUCATION

University of Maryland, College Park, Computer Science

Recent Technical Training

Cascading Styles Sheets for Web Development, Developing Ajax Web 2.0 Applications, JBoss 5.0 and EJB 3.0, JBoss Clustering, Introduction to JBoss Seam, Advanced Enterprise Server Bus, Ruby on Rails Introduction, Spring Framework Overview, Securing Applications for the Java 2 Platform, Object Oriented Modeling and Design, BEA WebLogic Administration for Developers, Enterprise JavaBeans Programming

Other Education

Application development training program, Sovran Bank

American Institute of Banking, Commercial Banking Diploma