

Paul McKinney

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Summary: Strong career focus on Java web application development and J2EE related technologies and experienced with all phases of the development life-cycle. Motivated by a desire to help a business or organization achieve a sustainable competitive advantage in their line of business through the use of information technology. Skills include a broad knowledge of information systems including programming, requirements gathering, database design, and systems administration. Personal strengths include the ability to learn quickly, a desire to keep things simple, and a strong customer focused orientation.

Certifications: SunSM Certified Programmer for the JavaTM 2 Platform
SunSM Certified Web Component Developer for the J2EE Platform
SunSM Certified Business Component Developer for the J2EE Platform

Experience:
7/12 – current

Personal Projects

Description: Created three different web applications.

ServicesYard – A place where service providers for commercial and multi-tenant real estate can list their services and the areas in which those services are provided.

createRFP.com – A tool allowing property and facility managers to create RFPs by defining specifications, questions and attachments to be allocated at the RFP or property level. Service providers can bid on the RFP and after all proposals are submitted, the property manager can then award the RFP. Currently in Production.

HoustonBT.com – Mobile application providing real time arrival times for Houston buses. Enter in the bus route, cross street and view the estimated arrival times. Also provides viewing of the bus schedule for that day. Currently in Production.

Skills Employed: Java, J2EE6 (EJB, JSF, JPA), JBoss, PrimeFaces, Hibernate, PostgreSQL, MySQL, Maven, JUnit, Arquillian, Selenium Client, NetBeans, Git, DropWizard, OpenShift, Bash, jQuery Mobile, XML/JSON processing

01/05 – 06/12

Senior Programmer – Yardi Systems (formerly SiteStuff Inc.)

Description: Providing primary maintenance and enhancement support for the Contract Bidding (RFPs) application and secondary maintenance and enhancement support for the SSV (SiteStuff 5) procurement application along with providing support for development support tooling.

Skills Employed: Java, J2EE6 (EJB, JSF, JPA), JBoss, Glassfish, Maven, JUnit, JWebTest, Bash shell, Netbeans, Eclipse, Subversion, Git, Jenkins, Redmine, Struts, Spring

Responsibilities:

- Primary for performing maintenance and enhancements to the Contract Bidding application
- Secondary for performing maintenance and enhancements to the SiteStuff 5 (SSV) procurement application
- Administer and perform upgrades to the ticketing system (Redmine), continuous integration server (Jenkins), source code viewer (Sventon), and Subversion

Accomplishments:

- Enhancements to Contract Bidding:
 - multiple property, sealed bidding and hierarchy account support
 - property specific specific questions in single RFP
- New development for the procurement application:
 - create orders and invoices pages
 - create GL coding page
- Automated deployment after Jenkins continuous integration build to common Development host
- Implemented web analytics (Adobe/Omniture SiteCatalyst) for SiteStuff web site
- Gave two different presentations covering agile development and Scrum

12/02 – 10/04

Information Specialist - Electronic Data Systems / Sun Microsystems, Inc.

Description: Information Specialist performing Release Engineering duties across several projects related to proactive, preventative maintenance of Sun hardware as well as provide operations support for nightly knowledge batch cycle.

Skills Employed: Ant, Java, JUnit, Java Data Objects (JDO), Spring, CVS, Korn Shell, XML, Solaris, iPlanet, Oracle, SQL, Netbeans, UML, RUP, vim

Responsibilities:

- manage CVS repository involving assisting developers in accessing CVS, checking in new modules, and answering questions related to tagging and branching
- monitor nightly Knowledge Update Bundle (KUB) cycle and working with developers in resolving failed batch runs
- build and deploy software libraries and applications to QA and to Production

Accomplishments:

- created formal batch cycle, for KUB, from disparate scripts and cron jobs which greatly reduced bad knowledge files due to program failure
- programmed several Java utility programs used to extract information for the QA group from text and XML files
- worked with DBAs to upgrade Oracle database instances from Oracle 8 to Oracle 9
- rewrote Ant build script for the Embedded Knowledge Engine (EKE) project which simplified the build file and removed the reliance on external shell scripts
- presented brown-bag topic to technical team on Java Data Objects (JDO)

6/02 – 12/02

Information Specialist - Electronic Data Systems / Immigration and Naturalization Service

Description: Information Specialist developing the Student and Exchange Visitor Information System (SEVIS) web application for the Immigration and Naturalizations Service used to designate sponsor programs for exchange visitors as well as to track exchange visitors and their dependents.

Skills Employed: Java, JSP, Struts, Resin, SQL, Oracle, vim

Responsibilities:

- code front end portion of web application using Java/J2EE technologies using Struts as a framework for JSP development
- make fixes to SEVIS application identified during testing

Accomplishments:

- programmed and developed screens involving the viewing of a designated INS sponsor program as well as adjudication screens involving the changing of a sponsor's name, requesting brochures, and the changing of allotment amounts
- defined front end validation rules for many of the screens
- worked with requirements personnel to identify appropriate changes to the system being developed
- used Rational Rose to reverse engineer SEVIS classes to create class diagrams

10/01 – 6/02

Information Specialist - Electronic Data Systems / Internal

Description: Information Specialist supporting Syzygy, EDS' internal Web-based tool that allows EDS groups to communicate resource needs for projects supporting EDS' clients.

Skills Employed: ASP, Perl, Windows NT, SQL Server, SQL, vim

Responsibilities:

- coding enhancements, in Active Server Pages, for the Syzygy application
- emailing Syzygy administrators, using Perl batch programs
- assisting in problem resolution

Accomplishments:

- created Perl batch program that would run at regular intervals under cron, creating a log file indicating if the Syzygy application web pages were up or not at a given point in time
- programmed batch Perl programs to do mass emailing out to the Syzygy administrator community
- coded many enhancements to the Syzygy application including the ability to sort by search results, allowing the withdraw of a bids, addition of a date column to the "to do" list, allowing the sorting of the "to do" list by either date or request number, and other smaller enhancements

1/96 – 9/01

Information Specialist - Electronic Data Systems / Texas Comptroller of Public Accounts

Description: Information Specialist developing web applications as well as providing support for other application developers within the organization

Skills Employed: Java, Servlets, WebSphere, JavaScript, AIX Administration, CCC/Harvest, Korn Shell, Perl, Tomcat, Sybase, Oracle, SQL, XML, Control-M (distributed), InstallShield, LoadRunner, WinRunner, vi

Responsibilities:

- coding enhancements, in Java, for the Vendor Information on Payments application
- primary administration of three (3) IBM AIX Unix nodes contained within an IBM SP frame and assisting with the administration of sixteen (16) other Unix nodes

- installation and support of the Software Configuration Management (SCM) tool CCC/Harvest
 - assisting and answering end user questions regarding the use of Unix and CCC/Harvest
- Accomplishments:
- built web application, using Java servlets, JSP, and XML, used by Comptroller staff to save and update vendor email information so that a Java batch program can perform direct deposit email notifications
 - built web application, using a Java servlet and an applet, to allow a fax-back system to generate an HTML payment report to be faxed to vendors of the State
 - built web application, using Java servlets, which displays payment and invoice information to vendors of State agencies
 - migrated PeopleSoft applications and databases off of stand-alone AIX boxes to nodes on an RS/6000 SP frame and at a later time consolidated all PeopleSoft development environments to a single RS/6000 SP node
 - created various Korn Shell scripts that were used by PeopleSoft developers and administrators including scripts allowing developers to change their Unix session environment and a report that lists logical volume usage
 - created a Korn Shell script used by end users to extract data off of tapes of different formats and FTP the extracted data to the mainframe or file server
 - evaluated, recommended, installed, and implemented CCC/Harvest, a software configuration management tool, used by various development teams within the Comptroller as well as helped to setup and configure different development projects using CCC/Harvest
 - taught CCC/Harvest end user classes
 - created Korn Shell and Perl scripts used by PeopleSoft developers to check in and check out their custom PeopleSoft code from CCC/Harvest
 - installed and configured Control-M (Distributed) for the purposes of scheduling jobs on the Unix platform
 - performed performance testing using Mercury Interactive's LoadRunner tool using client scripts to create a load on the mainframe
 - created procedures for coordinating the migration of PowerBuilder applications from Development to Production
 - created installation programs for custom PowerBuilder applications using InstallShield

5/94 – 12/95

Systems Engineer - Electronic Data Systems / New Mexico Public Utility Commission

Description: Systems Engineer for legal case and utility compliance tracking

Skill Employed: SQLWindows, SQLBase, SQL

Responsibilities:

- correcting and assisting in the resolution of production problems
- performing programming enhancements
- assisting users in application usage
- researching and assisting in document imaging effort

Accomplishments:

- coding Document Registry application from specifications
- facilitating meetings resulting in the gathering of requirements and priorities for further programming enhancements
- performing coding enhancements on preexisting applications resulting in customer sign-off for the system

8/92 - 4/94

Systems Engineer - Electronic Data Systems / Dalfort Aviation

Description: Systems Engineer for materials tracking and billing system

Skills Employed: DataFlex

Responsibilities:

- correcting production problems
- programming system enhancements
- performing project manager duties
- system definition and requirements gathering
- facilitating meetings
- assisting users with application problems

Accomplishments:

- led project to insert a field in a primary key which involved changes to sixty (60) programs and twelve (12) database files
- assisted in creating a demonstration for the 1994 Singapore Air Show using Visual Basic
- presented screen interface guidelines to systems engineer group

- put together and made a presentation showing long range goals of the materials system to the customer
- headed customer inventory reconciliation for the MIS department

5/91 - 8/92

Programmer - Electronic Data Systems / Dallas Market Center

Description: Report distribution and programming

Skills Employed: COBOL, JCL, LAN Design

Responsibilities:

Phase I (Phase I, II, and III was EDS' terminology for their training program at that time)

- distributing reports from nightly cycle
- communicating print schedules and resolving problems with EDS' print center

Phase II 11/91 - 1/92

Phase III

- providing batch COBOL enhancement programming
- assisting with written proposals
- monitoring nightly cycle and resolving production problems
- designing proposed Local Area Network

Education:

University of Houston

Degree: Bachelor of Business Administration

Concentration: Management Information Systems

Training:

Java and Distributed Java, Object Oriented Analysis and Design, Java 2 GUI, Fundamentals with Swing, Data Modeling, Project Scope, System Life Cycle Overview, Techniques and Documents for SLC Testing, AIX System Administration, PeopleSoft PeopleTools, NT Server Administration