SOFTWARE ENGINEER

Summary

Software Engineer / Programmer 10+ Years of experience in software development process. Talented and qualified software engineer and programmer with a breadth of skills, passion for solving complex problems, and dedication to meeting project deadlines. Confidently works independently, with groups, meeting clients, and providing strong customer support. Diversified background with experience working for major corporations, medium-sized companies to starups, Industry experieience in publication, transportation engienering universities, retail, nonprofit, and Hollywood Studios.

Highlights

- OO Programming &
- Design
- Distributed Architectures
- Design Patterns
- Web Applications
- W3C Web Design
- E-R Design, ORM,
- ETL, Data Pulls/Loads
- UML, Technical Documentation
- Continuous Integration
- Unit Testing
- Waterfall/RUP/Scrum
- Customer Service and Support
- Content Management Systems
- Source Control
- Workflows
- Refactoring
- API Deign
- Technical Qualifications
- Programming Languages & Frameworks
- Java (JFC, J2EE, JSP, Servlets, EJB, Spring, POJOs, Hibernate, Swing, SWT)
- C#(ASP.NET, ADO.NET), Visual Basic(ASP), PHP, Python, SQL(Transact-SQL, PL/SQL), C,
- HTML, XML, XSL, XSLT, XPath, FreeMarker, Websripts (Rest, SOAP, wsdl), SOLR, Lucene , ECMAScript, Angular JS, Knockout JS, YUI, JQuery,CSS, ActionScript, Schema, Assembly
- Developer Utilities
- Alfreco ECMS, JIRA, Confluence, Trac, CVS, SVN, Git, GitHub, VSS, Maven, ANT, Puppet, Vagrant, Mokito, Unit Testing, PowerShell, Bash, ExpressionEngine, Drupal, Visio, MS Visual Studio, MS Access, Crystal Reports, Bugzila, Alpaca Forms, Adobe CS, Ghost
- Server Experience Deployment Tools
- Alfresco installations and admin, Apache, IIS, Tomcat, JBOSS, Oracle 9, SQL Server 2000-2008, MySQL Server, Postgres SQL, LAMP, Jenkins CI, CentOS admin, OpenVMS, Solaris, Windows Server 2003-2008

Experience

Software Engineer

September 2013 to October 2015 Harris Computer Systems ï¼ Rosemont , IL

- Created publishing and media solutions using Alfresco's highly customizable Open Source ECM based off of the Spring framework with open-ended support for addons and custimations.
- Headed and supported content management system for websites fox.com, fxnetwork.com, SimpsonsWorld.com, sand the FoxNow app.
- Architected code updates, refactors, and additional feature requests by being the sole POC from Ixxus for standups and meetings.
- Supported and trained Fox employees on using their Alfresco to publish content to the websites.
- Provided after hours support to content team via Skype for timely critical website updates.
- Contributed to Transamerica's website publishing system using Knockout JS, Alfresco, and DB2.
- Involved in creating the ECM for Renaissance Learning using AngularJS, Alfresco, and Activiti workflows.
- Leveraged Alfresco's MVC architecture to write front ends in Spring Share, Flex, and HTML with various JavaSript frameworks.
- Extensive experience in content modeling, webscripts, policy authoring, dependency injection, workflows, share forms, non-share UIs, content transformation, dashlets, actions, services, repository customization.
- Used JIRA, Jenkins, Git/SVN, CI, Testing, Maven, ANT, SCRUM to ensure quality code was beign written and delivered on time.
- Exposure to Marklogic, elastic search, MongoDB through learning from other projects.

Web Developer and Designer
June 2006 to June 2013 University Of California ï¼ Fresno , CA

- Designed and coded websites for over fifteen University departments, including Academic Advising, Career Services, Academic Support Programs, and Student Support Services.
- Coded pages with XHTML, JavaScript, CSS, and Flash while maintaining W3C's WCAG and Section 508 Accessibility guidelines.
- Ensured all sites were accessible and supported by multiple browsers and media types using appropriate CSS rules.
- Programmed back-end of sites using PHP and MySQL.
- Designed in-house web applications including a projected GPA calculator for students, data-driven forms, web calendar, attendance scheduler, and WYSIWYG Editor.
- Converted several company applications from local Access databases to data-driven PHP/MySQL applications.
- Graduate Student Coursework Experience Significant coursework in web development utilizing Core Java, J2EE, JSP, Hibernate, Spring, Struts, POJOs,SAAS, C#, ASP.Net, SOAP, web services, .NET Security, PL/SQL, Transact-SQL, XPath, and XSLT.
- Applied OOD/OOP, Design Patterns, Data Modeling, and Agile methodologies to work from courses taken including Object Oriented Design I/II, Database Design.
- Completed Full Life Cycle Senior Capstone project with three other group members.
- This included requirements gathering, full design documentation, presentations to potential customers, bug-tracking system, publically viewable source code, downloadable demos from project website, APIs, customer signoff.
- Project was an IDE for Donald Knuth's MMIX Assembly language.
- Thick client built using Eclipse's JFace/SWT libraries.
- Functionality of assembler/simulator was made through JNI calls to C++ API.

CEO
September 2002 to May 2006 Evolent Health, Inc. ï¼ Tampa , FL

- Advised, planned, and installed hardware, software, and network solutions for small businesses and homeowners.
- Resolved hardware, software, and network problems for existing and new clients.
- Trained computer novices to become proficient with Microsoft Office, Photoshop, scheduling tasks, and best practices to improve productivity.
- Designed webpages for several local businesses using CMS' including Joomla, Drupal, and WordPress.

Senior Software Engineer
August 2001 to September 2002 Saic (Science Applications Int.) ï¼ Pensacola , FL

- Recruited by several Georgia Tech classmates to join start up web design/web application company, primarily to be a lead Java/J2EE engineer, SQL Server specialist.
- Provided support on several ASP applications, Flash development, and data-drive websites.
- Co-Developed several projects, including a donor management application used for a non-profit direct marketing corporation by offering a competing application with more features at a fraction of the cost.
- Designed and programmed scalable applications through an HTML UI, JavaScript, XSLT, JSP, Servlets, EJBs, SQL Server, and Crystal Reports.
- Cut costs by primarily using Open Source technology including JBoss, Tomcat, Apache, and Linux servers.
- Responsible for system configuration, and maintenance of database, web, and application servers.
- Utilized my technical writing skills and UML knowledge to author Use Cases, Design Documentations, and Acceptance Test Procedures for several projects.
- Crafted ETL methods for nightly daily pulls using python and bash scripts.

Programmer/Analyst
September 1999 to August 2001 State Of Virginia ï¼ Lynchburg , VA

- Developed Components of ATMS (Advanced Traffic Management Suite), the most prominent traffic application suite used in the country.
- The application suite included programs which enabled traffic engineers to remotely monitor traffic controllers, Fast Lane toll devices, cameras, traffic pattern reporting, traffic signal timing changes using algorithms and data mining.
- Implemented GUI using Java Swing.
- Used JDBC to access Oracle Database, and JNI make calls to a C++ library shared by application suite.
- Developed custom tool through I/O and socket programming to automate validating data integrity of third party vendor's firmware releases.
- This saved time and work for fellow engineers due to the vendor's weekly software updates, which often managed to break previously working functionality.
- Coordinated with employees to ensure the application suite was cohesive, used regression testing on dozens of applications that relied on shared C/C++ libraries, and database calls.
- Personally collaborated with third party software developers and independent contractors to facilitate a rapid application development.
- Expedited product updates by identifying bugs and reporting them to vendors.

Lead Bookseller
August 2004 to June 2013 Barnes & Noble Booksellers ï¼ City , STATE

- Trained employees, received and tracked inventory, aided in loss prevention.

- Increased store revenue by selling membership programs, suggesting books, selling e-readers, increasing magazine and trade revenue by leading departments.

Education

M.S : Computer Science , 2013 University of Massachusetts ï¼ City , State Computer Science

B.S : Electrical Engineering , 1999 Georgia Institute of Technology ï¼ City , State Electrical Engineering

Alfresco Certified Engineer 2014 Continued

Skills

.NET, ASP.Net, Alfresco,, ActionScript, ADO, Adobe CS, Photoshop, Agile, ANT, Apache, API, ASP, Assembly language, automate, Bash, browsers, C, C++, calculator, CMS, com, hardware, content, Content Management, Crystal Reports, CSS, client, clients, Customer Service, CVS, data mining, Data Modeling, validating data, databases, database, Database Design, direct marketing, documentation, Drupal, Eclipse, Editor, Engineer, EJB, ETL, XML, Fast, features, Flash, Forms, Full Life Cycle, Ghost, GUI, HTML, PHP, DB2, IDE, IIS, inventory, J2EE, Java, JSP, Java Swing, JavaScript, JBOSS, JDBC, JQuery, LAMP, Linux, loss prevention, meetings, Access, MS Access, C#, Microsoft Office, SQL Server 2000, modeling, MongoDB, MVC, MySQL, network, Object Oriented Design I, OO, OOD, OOP, OpenVMS, Oracle 9, Oracle Database, Developer, PL/SQL, cameras, Postgres, presentations, profit, Programming, Python, quality, rapid application development, reporting, requirements gathering, RUP, selling, scheduling, SCRUM, servers, Servlets, scripts, SOAP, software developers, Solaris, SQL, SQL Server, Struts, Swing, system configuration, technical writing, Technical Documentation, Tomcat, Transact-SQL, UML, Utilities, Visio, Visual Basic, MS Visual Studio, Web Applications, Web Design, web development, website, websites, website publishing, Windows Server, author, written, XHTML, XSL, XSLT