Derek Helwig

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Career Summary:

I am a Senior Java Developer / Analyst with 10 years of Java development experience. My Java experience includes the development of stand-alone applications, tiered web applications, and web services. I'm a team player that consistently leads his team to success by analyzing, preparing, communicating, and spreading knowledge.

Skills:

Programming	AJAX, DWR, C, C++, Delphi, HTML, iBatis, Java, JavaScript, jQuery, JSON, JSP, JSTL, PL/SQL, Spring MVC, Spring Webflow, SQL, Visual Basic, Web Service Development, Web Service Interface Design, XML/XSLT, XSD
Application Servers	Weblogic, WebSphere Application Server 6.1
Continuous Integration	Hudson / Jenkins, Luntbuild
Databases	DB2, Oracle, Microsoft Access, Paradox
IDEs	NetBeans IDE, Macromedia Dreamweaver, Rational Application Developer, SpringSource Tool Suite, WebSphere Software Application Developer
Project Management	AgileZen, JIRA, Microsoft Project, Microsoft Visio
Source Control	Clearcase, CVS, Git, Github
Testing	jUnit, EasyMock, HTML Driver, Mockito, Test-Driven Development
Other	Google Maps Integration, Ratabase, Splunk, UML Class Diagrams

Related Work Experience:

Product Developer -- CARFAX June '11 - Current

◊ Work as part of a self-led team in an extreme programming environment
◊ Develop Java applications and services allowing consumers to buy vehicle history reports
◊ Maintain PCI compliance across multiple web services and web applications
◊ Practice strict test-driven development
◊ Facilitate story writing across multiple business units
◊ Estimate development effort for stories
◊ Plan work that could be completed in a two week sprint
◊ Deliver functionality requested in sprint planning accurately and on time
◊ Interview new employee candidates as part of a team interview process
◊ Coordinate an ongoing committee geared toward improving the user experience

Major Projects:

◊ Unlimited For Sale by Owner (In-Process)
Allows consumers to purchase an unlimited number of vehicle history reports for vehicles that are for sale by owner. This project required the development of a new AJAX based web application as well as API changes to many of the web services currently serving existing applications.

◊ Test and Target Homepages
Implemented 3 variations of a new consumer homepage. The impact of these homepages on revenue is to be measured using Omniture's test and target tools.

◊ Tokenization Data Transition
Immediately following the implementation of a credit card tokenization project for new purchases, the project's goal was to convert data that was stored in legacy tables to be housed in new PCI compliant tables.

Senior Java Programmer / Analyst -- Shelter Insurance June '02 – June '11
- ◊ Self-motivation, communication skills and attention to detail led to two promotions
- ◊ Gathered requirements for new functionality and changes to existing functions
- ◊ Reviewed use cases created by business partners and business analysts
- ◊ Reviewed high level design documents with system architects and DBAs
- ◊ Developed several Java web applications to support multiple business areas
- ◊ Coordinated implementation of fixes and improvements with other enterprise systems
- ◊ Facilitated code reviews performed by several project development teams

Major Projects:

◊ Search Engine Optimization
Re-factored an existing function in the [Customer Access] application in order to obtain better search engine results for agency personnel. A large portion of this project involved converting multiple pages from Spring Webflow to use only Spring MVC.

◊ File a Claim (First Notice of Loss)
Delivered a zero defect, tiered java web application that allows agents to submit simple claim information into an existing purchased system via a provided web service. This project involved coordinating both business and technical requirements across multiple business units.

◊ Customer Access
Led a team of 10 programmers / senior programmers in developing an entirely new tiered java web application allowing users to quote and purchase auto and renters insurance online, find an agent, electronically sign legal documents, and view documents related to existing insurance policies.

◊ Customer Access New Business Submission Batch
Developed a Java application that processes quotes and payments made via the web when legacy mainframe systems were unavailable for routine maintenance windows and batch cycles.

◊ Forms
Led a team of 3 programmers / senior programmers in developing an entirely new web service application that accepts XML requests via HTTP and provides services for legal forms such as the ability to determine what endorsements are required based on policy data and also providing PDF documents to the client, generally a web application.

◊ Java Policy Administration Services (JPAS) – Rating Service
Led a team of 3 programmers / senior programmers in the development of an auto quote rating service. The service validates policy data given in an XML request (see [Rules]), derives any data required for obtaining a rate, utilizes code for connecting to legacy mainframe systems that was already written, updates the policy with the rate and any other derived data, and finally returns the updated policy to the client.

◊ Rules
Developed a stand-alone Java application that created XML consisting of date-driven coverage limits and deductibles based on legal documents filed with state governments to be utilized by enterprise web applications for HTML select lists.

◊ Agent eCommerce / 1Point
Maintained and enhanced features of an existing Java based web application allowing agents and home office personnel to service customers by performing a large catalog of functions.

Web Designer – Northwest Missouri State University January 2000 – May 2002
  ◊ Gathered requirements for customers within the university
  ◊ Developed and maintained a website consisting of static HTML pages
  ◊ Designed user interfaces by utilizing products such as Adobe Photoshop
  ◊ Occasionally modified existing pages with Macromedia Dreamweaver
  ◊ Provided design assistance to several print publications produced by our office
  ◊ Played an unofficial training role for the progression of new employees

Teaching Assistant – Northwest Missouri State University March 1999– May 2002
  ◊ Tutored students programming in C, C++, Java, JavaScript, and Visual Basic
  ◊ Provided debugging assistance to student programmers
  ◊ Graded tests, labs, and programs written for intro level Java and JavaScript courses
  ◊ Assisted students in the development of Microsoft Access databases
  ◊ Aided students with troubleshooting the Microsoft Office Suite
  ◊ Solved various hardware and software problems encountered by students
  ◊ Installed new hard drives and configured lab PCs as needed

Computer Assistant – Optec DD USA (Alcatel) January 1998 - August 1998
  ◊ Maintained Paradox database
  ◊ Developed production scheduling utilities using Delphi
  ◊ Resolved hardware and software problems encountered throughout the facility
  ◊ Built computers and updated hardware

Education:

Northwest Missouri State University - Maryville, MO
BS in Computer Management Systems, Minors in Multimedia and Computer Science
3.54 Overall G.P.A.
Date of Graduation: May 2002