

Jim Roepcke

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Summary

With over 9 years of professional IT experience, Jim has deep skills in software development, including Cocoa, Java Application Servers, Content Management, and Internet / web technologies in general.

Skills

Programming Languages: C, HyperTalk, Java, JavaScript, Objective-C, Pascal, Perl, Python, REXX, UNIX Shell, UserTalk, VBScript, Visual Basic

Tools and Technologies: ADO/OLEDB, Apache, ASP, Cocoa, COM, CVS, Direct To Web, Enterprise Objects, Frontbase, Frontier, HTML, HyperCard, Linux, Mac OS X, Macintosh, ODBC, OpenBase, Plone, SQL Server, UNIX, VBA, Visual Studio, WebObjects, Windows, XML, Zope

Proficiencies: Content Management, Design Patterns, Groupware, OOA&D, Project Management, Technography, Telecommuting, Weblogging, Writing

Experience **Chester County Intermediate Unit**

Worked with various people at the CCIU to determine their needs for a new web site and how to best adapt a Content Management System to meet those needs. Also assisted in helping CCIU understand the benefits and drawbacks of various site organization schemes to kick start their information architecture effort.

Plone Mentoring

Assisted remote developers in learning Plone and its related layers.

Python Tutorial

Wrote a 90-minute tutorial session covering the Python programming language and its use with Zope in the context of the Plone Content Management System. Delivered the tutorial at Plone Conference 2003 in New Orleans and at a Victoria Linux Users Group (VLUG) meeting in Victoria.

Anderson Merchandisers

Led the design, implementation and deployment of a Plone-based CMS and public-facing web site that promotes upcoming In-Store Events in Wal-Mart stores. Implementation of customized workflow

and workflow user interface. Presentation of CMS data with a custom designed look and feel for the public-facing site. Integration of version control / staging functionality.

Experience continued

mac-fusion

Assisted mac-fusion staff in deploying and customizing Plone to meet the needs for their business web site. Implemented a custom CMF content type and templates to display current and upcoming promotions.

First Peoples Cultural Foundation

Assisted the development team of the FirstVoices Language Archiving tool, a Java and WebObjects-based application. Provided powerful and timesaving technology from the Project WOnDer frameworks to speed development. Mentored and communicated best practices and effective design patterns for successful WebObjects development. Served as an emergency resource when time constraints demanded significant functionality be delivered ahead of schedule.

Chino Valley USD

Implemented the User Management system for Chino Valley Unified School District's Java and WebObjects-based test management and delivery applications. Refactored and integrated powerful and timesaving technology from Project WOnDer into the base frameworks for these applications. Performed functional testing on all components driven by a documented test plan and test cases.

Plone Installer for Mac OS X

Produced Mac OS X Installer packages for over half a dozen versions of the open-source Plone content management system. Features extensive documentation a seamless "out of the box" experience.

Stratum New Media

Upgraded the California Olive Industry's RecipeBox web application to the latest version of WebObjects and FrontBase, and implemented a redesigned user interface and new back-end administration system, the latter with the powerful Direct To Web framework.

PowerSchool SIS v3.0

Implemented custom scheduler reports for Apple's PowerSchool School Information System v3.0 Master Schedule Builder utilizing Java, Oracle, and PDF technologies.

WROX Press

Wrote one and a half chapters of technical material about Direct To Web and the Direct To Web Rule Engine for the book, Professional WebObjects 5.0 with Java.

NetStruxr, Inc.

Improved the functionality and usability of NetStruxr's commercial real-estate transaction platform using Java, Oracle and WebObjects, including the Direct To Web framework. Extensive use and customization of frameworks that comprise the core of Project Wonder's open-source effort.

Centre for Curriculum, Transfer and Technology

Designed and implemented a Content Management System using VBScript, Visual Basic, SQL Server and IIS 4 on Windows NT 4.

M. Onyschuk and Associates

Designed and implemented a multi-protocol data router system which enabled scheduled and on demand data transfer and transformation. Embedded the Mozilla Rhino JavaScript engine for data transformation scripting.

Centre for Education Information Standards and Services

Led the development team and was lead architect for the critical redesign of PASBC, the online College and University application service for British Columbia, using WebObjects, written in Objective-C, accessing Oracle on Solaris, served by Netscape Enterprise Server on Windows NT.

Developed a two-day UserLand Frontier training course covering Frontier as a team-based dynamic web site management tool, and delivered it to a group of nine students

Refactored an existing web accessible database site that provides Distributed Learning Course information, and increased its functionality and usability for end-users and information providers alike. The site was implemented in ASP using VBScript.

Acted as Information Architect, Usability engineer and technical lead for the redesign of the CEISS web site.

Shell Canada Products Limited

Designed and implemented a complex real-time energy monitoring application that enabled plant operators to assess the energy efficiency of the refinery.

Education**Big Nerd Ranch, South San Francisco, CA (2002)**

Programming Mac OS X with Cocoa

Apple Enterprise Training, Cupertino CA USA (1999)

Programming WebObjects I and II

University of Victoria, Victoria BC Canada (1993-94, 1998)

2nd year of a 4 year B.Sc. in Computer Science