

# Joel Pearson

xtivus.com/jp-resume.pdf  
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## Experience

### Developer, xtivus.com

2009 to Present

Designed and developed xtivus; a web app that allows users to create many of the objects that are the focus of other web apps. The difference is that xtivus pulls it all together. Notes, tasks, links, contacts, events, files, images and markdown are just a few of the objects supported. Objects are organized in a folder-like manner. Features include in-place editing, fast updates and collaboration groups.

### Principal, Pearson Technology Consulting Inc.

1996 to Present

Provided design, development and mentoring services for many web-related projects. Many of the projects involved leading inexperienced teams through the product development process while introducing them to new techniques and tools.

#### Technology Plan, Personal Finance Company

Worked with PFC to develop and implement a broad technology plan to address business challenges using new technology in a smart and efficient manner. The resulting systems helped the company to better manage their branch offices and their portfolio of loans.

#### Web Application, PFC System

Designed and led the technical development of a new web application for Personal Finance Company. It supports every facet of day-to-day branch and home office business operations including loan origination, billing, payments, collections, on-line query and more.

#### Web Application, JobX

Worked with Foresite Solutions in the design and development of JobX; a student employment web application. Included responsibility for key features including on-line job applications, resume brief and content management. JobX was acquired by Nelnet.

#### Web Application, Harmony Web

Designed and led the technical development of Harmony Web; a life insurance product illustration system to support a large sales force. The use of XML-based rules and an SOA provide a flexible, long term platform for life product manufacturing and distribution.

#### Web Service, Harmony Web Wrapper

Designed and developed a web service to support Harmony Web access by third-party life product distributors. A grammar and additional XML-based rules provide flexibility.

#### Data Provider, Securian Financial Group

Designed and developed a simple service bus and message driven bean to allow internal applications to query information from a (hard to access) vendor application database.

#### Miscellaneous Projects, Securian Financial Group

Wrapped web services for motor vehicle information and document management system requests. Created a number of file management utilities using Groovy. Rewrote and reorganized many SQL queries to improve performance and maintainability.

#### Website, Berwyn Paoli Area Little League

Designed and developed a website for the local Little League as a proof of concept for xtivus as an admin system and NOSQL database. The website provides access to league content, field status, division, contact, event and sponsor information.

#### iPhone App, Berwyn Paoli Area Little League

Designed and developed an iPhone app to provide mobile access to the same information found on the BPALL website (above). It also uses xtivus as the primary data source.

## Design

User Interface  
Object-Oriented  
Light Framework  
Enterprise System  
Relational DBMS

## Expertise

Query Systems  
SQL Optimization  
AJAX Interactions  
XML Data Handling  
Small Team Mentoring  
Technical Leadership  
Technology Transfer

## Target / IDE

ASP.NET / Visual Studio  
Java EE / IBM Rational AD  
SQL Server Mgmt Studio  
PHP / MySQL / Notepad  
iPhone / iPhone SDK

## Grammars

C#  
C++  
CSS  
Groovy  
HTML  
Java  
Javascript  
jQuery (et al)  
Objective C  
SQL  
XML  
XSLT

## To Do

SharePoint  
Linux / LAMP  
Ruby / Rails

## Form Credits

Kevin Fox  
Gill Sans MT  
Garamond

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## Experience

### **Principal, Pearson Technology Consulting Inc.**

1996 to Present (continued)

#### **Website, Harmony Web Usage**

Designed and developed a decision support system to show Harmony Web usage statistics across many dimensions (product, channel, agency, riders, etc.).

#### **Website, 999dine.com**

Designed and developed an e-commerce website to manage and sell discount dining certificates. The new website was a key factor in turning the business around.

#### **Website, Beaumont Home and School Association**

Designed and developed a website to support the local home and school association. A second phase is underway to move data and administration to xtivus.

#### **Website, "The Commish"**

Designed and developed this early fantasy football league management website as a proof of concept for rendering pages exclusively through XSL transformations.

#### **OLAP System, Advisor Sales**

Designed and developed an OLAP system for evaluating financial advisor sales performance. Included responsibility for fact table definition and population.

#### **Code Generators, SQL and PowerBuilder**

Created code generators that produce source code (SQL queries, SQL stored procedures and PowerBuilder user objects) based on a given database schema.

### **Manager, Ernst & Young Management Consulting**

1995 to 1996

Led large distributed teams of consultants and client personnel in ERP (Enterprise Resource Planning) software implementations including customizations. Participated in the consulting services sales process including planning and presentation.

### **Technology Consultant, Minnesota Mutual Life**

1986 to 1995

Provided internal consulting services supporting new tools and techniques. Led tool and technique evaluation efforts. Designed and led technical development of some of the first PC-based systems including a large distributed (250+) branch office system.

## Education

### **Master of Business Administration, University of St. Thomas**

Focus in Information Management with special projects in Smalltalk including a classroom and meeting scheduling system.

### **Bachelor of Computer Science, University of Minnesota**

Additional emphasis in numerical analysis, advanced data structures and VLSI (very-large-scale integration).