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Sans Pareil Technologies, Inc. specializes in developing inter/intranet applications using J2EE technologies. Sans Pareil Technologies, Inc. offers a full suite of services ranging from full lifecycle product development to product enhancement services. Sans Pareil Technologies, Inc. also offers **Application Service Provider** services on our state-of-the-art servers hosted in California, USA for all products we develop for our customers.

Sans Pareil Technologies, Inc. also provides iPhone application development services to customers. SPT also assists customers with publishing applications we helped develop to the App Store, since the process can be troublesome, and beyond the technical abilities of small businesses or individuals.

Our primary services fall into the following categories:

- Develop rich inter/intranet applications.
- Content management system deployments (Magnolia, OpenCMS, JackRabbit).
- Web and XML services.
- iPhone application development.

iPhone Projects:

Kamicom, Chicago, IL
iPhone Game Development

April 2008 to Present

Develop games for iPhone/iPod Touch and Mac OS X Leopard that will be distributed by Kamicom. Develop and host web services required to support multi-player games and other services. Also develop the supporting web site that will be used to provide value-add services to buyers of the game.

- Developed Sudoku¹ game (in App Store). Developed web service for generating and distributing new games, maintain game score and player rankings, and game solution lookups.
- Developing a modern 3-D version of GyruSS game.

¹<http://itunes.apple.com/WebObjects/MZStore.woa/wa/viewSoftware?id=286308326&mt=8>

- Developing for a multi-player role-based game.

Applitite, Chicago, IL
Development Partner

April 2009 to Present

Developed event management application framework for rapid development of festival and event management applications.

- Developing MusicPix iPhone Application.
- Developed the official French Quarter Festival music festival application.
- Developed the official Voodoo Experience music festival application for.
- Developed Music Festival² application that supports managing multiple festivals.
- Developed master festival and event data management and SQLite exporter application.
- Developed festival and event database update service for realtime updates from the applications.

Walter Rawdanik, Chicago, IL
Anigma Game

March 2009 to Present

Developing Anigma game (port of game for Zaurus and Pocket PC) to iPhone using Walter's MiniEngine cross platform game engine.

Java Projects:

TCN Broadcasting,
VOIP Echo Component

March 2010

Developing a custom Echo3 component based on Mizu Web Phone applet for TCN Broadcasting.

Ericsson TV,
EPG Data Adapter

January 2010

Developed a data adapter for converting TMS On product data into TTV EPG XML.

ISRO Inertial Systems Unit, Thiruvananthapuram, India,
Present
Materials Management System

December 2009 to Present

²<http://itunes.apple.com/WebObjects/MZStore.woa/wa/viewSoftware?id=322721586&mt=8>

Develop a custom material and inventory control system for IISU. Product developed using Echo3 framework and JDO persistence technology for persisting application data to a PostgreSQL database.

**CollabRite,
Bible Desktop Application**

April 2009 to June 2009

Developed Java Swing based bible application for CollabRite. Developed custom BookPanel with page flip animation to provide users a book effect on the desktop.

**E-commerce Financial Analysis,
Software As A Service System**

January 2009 to March 2009

Develop a financial data gathering and analysis service for financial analysts working in the e-commerce field. Develop crawlers and analysis tools to gather the data from e-commerce web sites. Develop web front-end application using Echo3 for analysts to view historical financial data, plots perform analysis. Offered as a monthly subscription service to financial analysts.

**ISRO Inertial Systems Unit, Thiruvananthapuram, India,
PLM System Development**

October 2008 to

February 2009

Develop a custom Product Lifecycle Management system to manage the engineering design to manufacturing and quality assurance process at IISU. Product developed using Echo3 framework and JDO persistence technology for persisting application data to a MS SQL Server 2003 database.

**Wellisch Software Technologies, Inc.,
PayPal Integration**

April 2008 to May 2008

Develop a connector for integrating PayPal payment web service with a custom application being developed by WST. Integrated the connector with the Echo2/EPNG application being developed by WST.

**Indian Institute of Metals, Thiruvananthapuram, India,
Web Site Development**

December 2007

Design, develop and host the IIM TVM website.

**Indian Society of Non-Destructive Testing, Thiruvananthapuram, India,
Web Site Development**

February 2008

Design, develop and host the ISNT TVM website.

Tribune Media Services, Chicago, IL
Technical Documentation

January 2008 to September 2008

Develop technical documentation (architecture, developer guide, ...) for a range of web services offered by TMS under the Zap2it brand name.

Tribune Media Services, Chicago, IL
Zap2it Movies Site

November 2007 to December 2007

Implementation of the Google Map interface with Zap2it Movies website.

- Develop encapsulated JavaScript library for interacting with the Google Map and Geocoder services.
- Develop JSON data service to fetch theatre and film show times information to associate with Google Map.
- Technologies Used: Java, JavaScript, Google API, ObjectDB

Port existing Vignette StoryServer based Content Management System to an Echo3/EchoPointNG based system.

Tribune Media Services, Chicago, IL
TV Listings CMS

October 2007 to November 2007

Port existing Vignette StoryServer based Content Management System to an Echo3/EchoPointNG based system.

- Developer Web 2.0 client using Echo3/EchoPointNG.
- Develop database abstraction layer over JDBC.
- Develop generic framework to view and edit database tables.
- Technologies Used: Java, Echo3, EchoPointNG, JDBC, Oracle

Tribune Media Services, Chicago, IL
TMS RSS Feed Aggregator

September 2007 to October 2007

Develop a aggregator for a variety of RSS feeds published by TMS.

- Develop server side RSS aggregator that pulls in RSS feeds published by TMS, and store in a local database. Aggregator downloads all images (password protected) referenced by the RSS feed to a local directory for syndication. Create object model for efficiently interacting with the RSS content.
- Develop client side object model and API for displaying the contents of RSS feeds.
- Technologies Used: Groovy, JDO, JavaScript, PostgreSQL, HSQLDB

Tribune Media Services, Chicago, IL
Data Replicator

October 2007

Develop a utility for migration data from Sybase database to Oracle database.

- Develop generic API for replicating data from tables stored in a source database to a destination database.
- Ensure that the API handles varying types of source and destination database engines.
- Technologies Used: Java, JDBC, Sybase, Oracle.

Tribune Media Services, Chicago, IL
Zap2it Widgets

May 2007 to June 2007

Analysis of competing widget technologies and implementation of standard Primetime Grid widgets for Zap2it.

- Analysis of Google Gadgets, Mac OS X Widgets, Windows Vista Gadgets, and Yahoo/Konfabulator Widgets.
- Developed JavaScript API for converting JSON data provided by Zap2it Primetime Grid WebService to widget compatible objects.
- Implementation of Google Gadget for Zap2it Primetime Grid.
- Technologies Used: Google Gadget API, JavaScript, JSON

Tribune Media Services, Chicago, IL
Google Map based entry to Zap2it

March 2007 to May 2007

Develop alternate interface to enter Zap2it TV Listings website using Google Map interface.

- Implemented server side components to return Zipcode list for user selected map area in XML format from ObjectDB.
- Developed user interface using Google API, GWT, GWT Custom Components.
- Technologies: JavaScript, Google API, GWT, GWT Custom Components, ObjectDB, Servlets, XML

Tribune Media Services, Chicago, IL
Object Modeling for Zap2it

December 2006 to January 2007

Develop Hibernate objects modeling Zap2it editorial content database for access from TV Listings application.

- Modeled objects in editorial database using Hibernate.

- Developed comprehensive unit test suite for the object model and associated Repository/Factory/DAO classes.
- Technologies: JUnit, Hibernate, Oracle

PharmARC Analytical Solutions, Bangalore, India February 2006 to February 2007
Clinical Leadership Database

Developed Clinical Leadership Database front-end and management applications for leading Pharmaceutical Industry client of PharmARC. Full lifecycle product development beginning with idea analysis and culminating in deployment of product on client servers.

- Developed front-end application using Struts.
- Developed data management application using Echo3.
- Developed data model using JDO.
- Technologies: Echo3, JBoss, JDO, Oracle, PostgreSQL, Struts, WebSphere

Moraine Valley Community College, Palos Hills, IL November 2005 to March 2006
Laboratory Resource Scheduling

Developed a resource scheduling system using which CSSIA member institutions could manage and control student access to network resources made available to students based on schedules assigned to them.

- Developed front-end application using JSP. Administrative users use the application to manage student schedules. Front-end was modeled upon the familiar Microsoft Outlook Calendar interface. The application also provided system administrators an interface to configure network access privileges to the FreeRADIUS server.
- Developed Java Stored Procedures using SQL/J to enable access to application database from front-end application and
- Developed a modified version of TACACS server and incorporated as part of the authorization system to enable/disable students accessing the system depending upon their access schedule.
- Developed a modified version of FreeRADIUS server and incorporated as part of the authorization system to enable/disable students accessing the system depending upon their access schedule.
- Technologies: C, FreeRADIUS, Java, JBoss, JSP, Java Stored Procedures, SQL/J, PostgreSQL, TACACS

Technologies:

- **Programming:** C, C++, Java (J2SE, J2EE), Objective C

- **Middleware:** EJB, Hibernate, JBoss, JDO, JMS, LDAP, Tomcat, WebLogic, WebSphere
- **GUI Development:** AWT, Swing, Cocoa, iPhone SDK
- **Web Technologies:** Echo3/Echo2, Google Web Toolkit (GWT), Java Servlet and Java Server Pages (JSP), Struts, Wicket
- **Content Management Systems:** OpenCMS, Magnolia, Java Content Repository
- **XML Technologies:** SOAP, XML RPC, XML Schema, XSL
- **Scripting:** Groovy, HTML, JavaScript, SQL, PL/SQL, PL/Pgsql, TCL, Bourne/Korn Shell
- **DBMS:** Oracle 8i/9i/10g, PostgreSQL, MySQL, MS SQL Server, Java Embedded Databases, Java Object Databases, SQLite
- **Operating Systems:** AIX 4.x/5.xL, FreeBSD, HP-UX 11.x, IRIX 5.3/6.x, Linux, Mac OS X, OSF/1, Solaris 2.6/7/8/9/10
- **Platforms:** Apple PPC/i386, HP PA-RISC, IBM RS/6000, Intel/AMD, Sun Ultra-SPARC