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## **WORK HISTORY**

*2000-present*

### **Owner, Approaching Pi, Inc., Boston, MA**

- Java development with J2EE, Swing, JNLP, JSP, Servlet, Struts, Tiles, Velocity
- Development with Objective C, ASP, Cold Fusion, C#, T-SQL, PL-SQL, PHP, Perl
- Database development with MS-SQL Server 2005, Oracle 10g, MySQL 4-5, PostgreSQL, and 4D 2004
- Development and architecture experience with RMI, CORBA, and SOAP / Web Services
- Use of ORM frameworks Castor, Hibernate, .NET
- Set up and administration of NT, Windows 2000, and Linux servers
- Implementation of server technologies including IIS, MS-Sql 7/2005 Server, Jboss, Weblogic, Adobe Jrun, Cold Fusion Server, Apache, Tomcat, and Glassfish

### **Work Examples:**

- **NameMedia** – Worked on service bus applications that transformed and accounted for revenue and traffic reporting of heavily trafficked web sites. Refactored large database containing billions of records for speed, efficiency, and sharding. Worked on legacy code bases consisting of Perl, PHP, Java Struts, and Servlets. Designed and built new applications using JBoss Seam.
- **Coke Zero Facial Profiler** – Worked with university researchers to implement new facial detection and likeness classification software. Built server based clustering and searching software to break up facial likeness search jobs into batches and quickly search a large database of faces.
- **enContext** – Worked on developing company's proprietary CMS application. Application is written in Java with a custom Velocity engine for serving up pages. Application integrates tightly with Salesforce and Sugar CRM via Web Services.
- **Fullerene** – Built application that converts XML object model files into Java and SQL code with XSLT. This application is used for rapid application development of partners applications.
- **Siebel** – Worked on integration team to customize company's Telco Billing Manager application for Verizon Wireless and Siebel Easy Pay for Blue Shield. Application development was done using Struts, Tiles, Hibernate, and Oracle. Payment gateways were built using Web Services as well as propriety batch protocols.

*1999-2000*

### **Senior Developer, Furnace Labs, Boston, MA**

- Programming and architecture of several major websites in ASP, Perl, Cold Fusion, SQL Server, Java Servlets, JSP
- Windows application programming in Java (Swing), VBA, and WSH
- Development of ISAPI and COM objects in Delphi 5.0 and Visual Basic
- Database design and management in MS SQL Server 6.5/7.0 and Oracle 8
- Administration of NT 4.0, Win 2000, and Linux networks.

### **Work Examples:**

- **CornerLot.com** – Developed a property appraisal-tracking tool that allows real estate appraisers all around New England upload and manage appraisal files for collaboration. Site front end also lets the public search for and view select properties. Site written in Java using Servlets and Jsp with a SQL 2000 backend.
- **SimplyModern.com** – Built full e-commerce site that sold modern furniture and accessories. Site included a full shopping cart with Cybercash and Flooz integration, extremely flexible user and order admin, and an extensive reporting system. This site was written in Cold Fusion with a SQL 7.0 backend.

*1997-1999*

### **Senior Web Programmer, Rock.com Inc., Somerville, MA**

- Responsible for key programming and IT needs for this e-commerce company.
- Creation, maintaining, and revision of two major e-commerce web sites.
- Database design and implementation of SQL database for both sites, including db management and authoring of stored procedures.
- Building front end applications to MS SQL Server 7.0 via Cold Fusion, HTML, and JavaScript.
- Responsible for design and creation of shopping cart and all aspects of website ordering system.
- Design and graphics work for Rock.com website.

## **TECHNICAL SKILLS**

### Programming Languages:

ASP, C, C#, Cold Fusion, Java, JavaScript, JSP, Perl, PHP, Visual Basic, Objective C, Ruby, SQL (T-SQL, PL-SQL)

### Web Frameworks:

ASP.NET, .NET, Seam, Spring, Struts (1&2)

### Ajax Toolkits:

JQuery, Prototype, Script.aculo.us, Yahoo! UI Library

### Application Toolkits:

Cocoa, GTK, .NET, Swing

### Markup Languages:

HTML, XHTML, CSS, XML, SMIL, XSLT, DTD, WSDL

### Operating Systems:

Windows (98, NT, XP, Vista), MacOS X, Linux 2.2-2.6, Solaris 8-10, QNX

### Application Servers:

IIS, Glassfish, JBoss, JRun, Resin, Tomcat, Weblogic

### Web Servers:

IIS, Cold Fusion Server MX, Apache Web Server

### Databases:

Microsoft SQL Server 5.0-2005, MySQL 2.0-5, Firebird 1.5, Oracle 8.0-10g, PostgreSQL 5-8

### Server Applications:

Bind, Webmin, Postfix, Courier, Active Directory, Subversion, Samba

### Desktop Applications:

MS Access, Cold Fusion Studio, Multi-Edit, IntelliJ Idea, SQL Enterprise Manager, Visio, Eclipse, Netbeans, Enterprise Architect