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Summary of Qualifications

Professional Skills

- **Programming Languages:** Java, IDL, JavaScript, SQL, Delphi, Flash, PHP
- **W3C Technologies:** DTD, DOM, DOM Scripting, AJAX, HTML, XHTML, HTTP, FTP, SMTP, SAX, XML
- **Java Web Technologies:** Servlets, JSP, Struts.
- **Operating Systems:** Windows W2K/XP, Linux/RedHat/CentOS, MacOSX 10
- **Database Systems:** Oracle8i, Interbase/Firebird, MS SQL Server, MySQL
- **Distributed Technologies:** CORBA, J2EE, JDBC, JMS, RMI, TCP/IP, Web Services, Map Services
- **Tools:** JBuilder, Borland Enterprise Server., WebLogic, SonicMQ., Apache/TomCat, VisiBroker, ArcIMS, Delphi, DreamWeaver. PHPEclipse, Adobe Flash CS3
- **Other Skills:** J2EE Architect, Web Development/Design, Web Standards Consultant, System Design and Integration

Professional Involvement

SonicSpider LLC (2002 - present)

Co-owner and founder. [SonicSpider](http://www.sonicspider.com) is the embodiment of years of web development experience directed toward helping small and medium sized businesses leverage, and impliment advanced internet and web technologies to develop effective, efficient business processes. John is the chief product architect, and technical officer, where he emphasizes the use of open source technology to maximize the return on investment of SonicSpider customers.

TeamB (1989 - Present)

TeamB (Team Borland) is a group of peer selected volunteer experts approved and supported by Borland, developers of JBuilder, to help support their customers on their monitored newsgroups. TeamB's duties include answering questions about the use of Borland products as well as related language issues and technologies. Initially accepted as TeamB for Paradox, later moved to Delphi support and then during the early betas for the first JBuilder move to the support of JBuilder and Java (1996), Recently Borland split off the tools products into a subsidiary "Code Gear" which has since been sold to Embarcadero.

Micro-Phyla Systems (1988 - 2004)

Owner, Lead Systems Architect, Developer and Programmer. Micro-Phyla Systems specialized in developing custom applications for a wide range of industries. John has been a technical speaker at Borland's 1993 and 1998 - 2002 Borland Developers Conference and former President and one of the founding members of the San Diego Delphi Users Group (SDDUG). John has contributed articles on Paradox and database design topics on the Paradox Informant magazine and was part of the team of writers for the Que books "Using Paradox v5.0 for Windows" and "Killer Paradox 5.0 for Windows" and also was an instructor on Delphi and Java for the international training firm, SoftBite International, from 1998-99 and QualTrain Inc. in 2003.

Borland Developer Conference (1993 - 2002)

Technical speaker at the 1993 and 1998 through 2002 conferences

San Diego Java Users Group (SDJUG) (2002 - 2006)

Member, presentor and sometimes involved in the administration activities.

San Diego Delphi Users Group (Group is currently inactive.) (1995-2000)

Founding Member and past President. WebMaster for the SDUG website

Books

- Authored chapters 14, 15, and 39 of the book "Using Paradox 5", Que, 1994
- Authored chapter 9 of the book "Killer Paradox 5 for Windows", Que, 1994.

Trade Magazines

Frequent contributor of the former Paradox Informant Magazine

Professional Contract Work Experience

Summary of Recent and Past Major Projects

Strategic Results Group - Vista, CA 2008 - Present

Positions: Contractor, Web Developer

Developing a system for managing email and marketing campaigns based on leads received from marketing relationships with TVA and Forbes.

RQ Construction, Inc - Bonall, CA 2004 - 2007

Position: Contractor, Web Developer

Developing Bid Calendar system to allow RQC to streamline their construction bid processes. This is largely an internal application but has specialized public components to interact and keep subcontractors up to date on their ongoing projects.

Durling Nursery, Inc - Fallbrook, CA 1993 - Present

Position: Consultant, Software Engineer, Technical Support

Developed the architecture and implementation of their Sales and A/R system. Originally the system was programmed in Paradox DOS. Recently it has been redesigned/re-written as a Web based Intranet system using Linux, FireBird, with Apache and Tomcat. Uses an internally developed framework based on the MVC and "Service to workers" design patterns

Behavioral Medicine Associates, Inc - San Diego, CA 1996 - 2003

Position: Contractor, Consultant, System Architect, Trainer

Behavioral Medicine Associates develops software based medical therapy systems. The following services are currently provided:

- Programming, mentoring and training in Paradox and Delphi
- Troubleshooting
- System Design and architecture
- Developed utilities and custom tools
- Web based Medical Scheduling system using Apache/Tomcat and JSP technologies

American Advertising Specialties - Santee, CA 1994 - 2003

Position: Consultant, Software Engineer, Technical Support

Developed the architecture and implementation of their entire sales management system. System includes sales leads, invoicing and billing, shipping management and commissions management. System uses Paradox, Delphi utilities, and Interbase. Ongoing development of new features and modules. Currently moving their back-end from Paradox to Interbase.

The Omega Group, Inc - San Diego, CA 1995 - 2002

Positions: Lead ArcIMS Software Engineer, Contractor

Developed the architecture and implementation of the entire AIMS (Internet Mapping Service) based product line: CrimeView Intranet and CrimeView Community. CrimeView Intranet provides a limited subset of Omega's desktop crime analysis product via the intranet. This application utilizes extensive JavaScript to provide an "application" look and feel to a HTML/JavaScript based

interface. XML is used to dynamically communicate with a servlet that provides data on demand as well as custom routines that result in both a map and the related data. CrimeView Community provides a simple user interface to a police departments crime data for public consumption. A wizard format is provided using the MVC and Service to worker design patterns. Maps, charting and data in the form a simple HTML pages are provided for dynamic update by the department. These products are in use at a number of police departments throughout the country. (see www.theomegagroup.com for further details and links to demos)

Matrix Direct Insurance Services - San Diego, CA 1995 - 2002

Positions: Consultant, J2EE Architect, Software Engineer, Trainer

Developed the architecture their Auto Sales Lead system using custom listeners for HTTP, FTP andSMTP through JMS via SonicMQ, and EJB on BlueStone to a MS SQL Database. Many components utilized XML for communications and interaction. Other services provided:

- Developed the custom HTTP, FTP and SMTP servers
- Developed the basic framework for the Messagedriven Beans and the Leads Acknowledgment system using BlueStone Application Server.
- Trained and mentored the newly hired junior programmers
- Provided general consulting on various programming and design issues
- Provided troubleshooting support for the Client Manager system written in Paradox

SoftBite International, Inc. 1998 - 1999 sessions

Positions: World Tour Trainer

Delphi and Java/JBuilder Instructor at various locations throughout the country

QualTrain, Inc 2003 - Present

Varioius Training Assignments in both Delphi and JBuilder.

Areas of Software Development Experience 1988 - Present

- General Accounting, Receivable, Payable, and General Ledger
- General Payroll
- Inventory Management
- Sales and Production Forecasting
- Inventory Management
- Hazardous Waste and Pesticide Management
- Point of Sale systems
- Contract and Document Management
- Order and Sales Management
- Phone Sales Management
- Commissions, Sales Trace Management
- Utility Rate tracking systems
- Research Management
- QA Management systems
- Insurance Sales System
- Insurance Rating System
- Behavioral Statistics Systems
- Construction Management Systems
- Marketing and Email Systems Management

Hardware and Systems Availability

Maintains the following systems and hardware for development an testing

- XP, W2K, Win9x workstations
- MacOS 9 and 10 workstations
- Linux Web and Database Servers (CentOS)

- Linux workstations (CentOS)

Education

- BA in Biology, with minors in Mathematics and Chemistry
- Lifetime Secondary Teaching Credential, California