

- **Clive M. Walden**
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Summary of Qualifications

Professional Skills

- **Programming Languages:** Java, JavaScript, SQL, Delphi, PL/SQL, Pascal.
- **Java Web Technologies:** Servlets, JSP, MVC.
- **Operating Systems:** Windows W2K/XP, Linux/RedHat/CentOS, PalmOS.
- **Database Systems:** Oracle7 through 10g, Interbase/Firebird, MS SQL Server
- **Distributed Technologies:** J2EE, JDBC, TCP/IP, Web Services, Map Services
- **Tools:** JBuilder, Apache/TomCat, Delphi, PL/SQL Developer, TOAD, Pocket Studio Pro.
- **Other Skills:** Web Development/Design, Database Schema Design and Development, System Design and Integration, Detailed Needs Analysis.

Professional Involvement

SonicSpider LLC (2007 - present)

Consultant and major contributor to the server side engine design and implementation of projects.

Walden Consulting (1996 - Present)

We have been based in San Diego County, California since 1990. We moved from Del Mar to our present location in 1996.

My years of business experience together with my formal education have given me a special ability to understand and combine the worlds of business and computing.

From first contact to project completion, I work closely with my clients to make sure their requirements will be fulfilled and that there are no gaps in the project specifications.

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

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

Founding Member and frequent presenter.

Professional Contract Work Experience

Summary of Recent and Past Major Projects

Elections Management

Design and develop a Delphi extension to an Oracle Forms application to manage the scanning, storing and retrieval of electoral documents using an Oracle database.

TWAIN and ISIS scanning are supported in both single scan and ADF batch scan mode.

Features include:

- Extracting and storing signature images from scanned documents either during scanning or on later retrieval and display.
- Scanning Pollbooks with automatic barcode recognition, signature recognition, extraction and separate, but linked, storage.
- Multi-page TIF and JPEG images.
- Black and White, grayscale and color images.
- Image clarity enhancement.
- Multi-tiered access over the Internet.

and much more.

Web Based Trade Show Registration

Extensive redesign and deployment of a ticket purchase and attendee registration web site. Web pages are prepared and presented using Java and jsp(Java server pages) technology. An Oracle database is used to store and serve the information.

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.

Market Research

Design and deploy an Oracle 8i database for gathering, cleaning and analyzing survey data for a major corporation with locations on the East Coast. Several top class Delphi/Oracle developers were included on the project.

The system includes tables with over 100 million rows and over 20 Gig of data. The programming was split between Delphi Enterprise and Oracle's PL/SQL. The work included the use of WANs, compression and imaging.

Durling Nursery, Inc - Fallbrook, CA 1993 - Present

Position: Consultant, Software Engineer, Technical Support

File Transmission

This application, when distributed to customers, lets them select a series of files through a drag and drop, Explorer like, interface.

After the files have been selected, manifest and work order files are automatically created. All the files

are then automatically zipped and delivered over the Internet.

Palm Contacts Database - Highly Compressed

Created a proprietary, read only, database for the Palm capable of storing nearly 700,000 voters in just 16MB. Information includes name, date of birth, full address and designated polling station.

The database can be searched by last name plus date of birth or by partial address. Results are almost instantaneous.

Agricultural Produce Control

Rewrite and enhance an application to track the weights of produce and livestock in and out of a farm in Nebraska.

A **Firebird** database was chosen to store the information.

The application receives the weights direct from the scale via a COM port.

Hazardous Materials Safety Documentation

Design and develop a software package to surf the web for **Material Safety Data Sheets**(MSDS). Once found the user can download the document, store and index it together with a wide range of additional information.

The documents can then be quickly located based upon many search criteria, then retrieved and viewed. Multiple document formats are supported.

The application is available from [HazMat Control Systems, Inc.](#)

Real Estate Mapping

Design and deploy an automated map-making module for a company supplying real estate reports. The module runs 24x7 with no operator required. It receives map requests from an Interbase SQL Server together with a list of properties (with prices etc.) to be placed on the map. The module calculates the size, magnification and position of the required map based on the supplied properties, draws the map, places the properties and labels them intelligently. The programming was achieved with a combination of Delphi, Interbase and MapInfo.

Areas of Software Development Experience 1990 - Present

- Election Management
- Health Care
- Customer Relations
- Real Estate
- Market Research
- Manufacturing Work Flow Control
- Imaging
- Mapping

Education Etc.

Sheffield University (B.A. Economics, accountancy & commercial law);

Rugby school.

U.K. Information

CEO of my own furniture manufacturing business.

We employed approximately 140 people. We sold our products both nationally & internationally.