

# Walter M. Venable

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## Objective

Contract assignments applying my strong programming skills to create database programs, for either standalone workstation applications or PHP/MySQL data driven web sites.

## Career Summary

**Thirty-five years experience with all aspects of computer programming and data presentation**

Programming	Interface design	Program documentation
—assembly to OOP	Project management	Developed automated coding tools
Program design	Systems design	Developed presentations for management

## Description of Projects

### 2006 to Present

#### Responsibilities

Design and programming services for Mophilly (<http://mophilly.com/>). Developed project plans and estimates, implemented database applications, and carried out testing plans. Created example data-driven website using XHTML, PHP, and MySQL to create a demo database application using a browser interface to insert, edit, delete, and view related records in a relational database.

#### Tools

Omnis Studio (*4GL RAD database application design tool*)  
MySQL, FrontBase SQL, Omnis Studio's SQL sub-language, MS SQL Server (*SQL back end engines*)  
PHP, HTML, XHTML, XML, Javascript (*for databases with web browser access*)

### 1994 to 2006

#### Responsibilities

Design and programming services for Qube Software (<http://www.qubesoftware.com/>), a client of 20 years. Carried out conversion of their large (>200 tables, >400 windows) Inventory and Business Management application from the Omnis 7 language to its new object-oriented version, Omnis Studio. This program runs and is delivered on both Macintosh and Windows platforms. Prepared and presented a talk to the Society of Computer Simulation. Created numerous charts and data graphics on energy issues.

#### Tools

Omnis Studio, Omnis 7 (*4GL RAD database application design tools*)  
I-Think/Stella (*simulation software*), DeltaGraph (*scientific graphing software*)

### 1988 to 1993

#### Responsibilities

Co-founded WestWare Inc., a business software development company. Co-designer and programmer of the first version of Contact Ease, then the highest-rated sales automation package for the Macintosh. Lead designer and project manager for the second version of Contact Ease. Designed user interface, created program specifications, managed five programmers. Co-managed WestWare, sharing responsibility for marketing, user surveys, technical support, hiring, and developing company policies.

#### Tools

Omnis 7, Omnis 5 (*4GL RAD database application design tools*), DeltaGraph (*scientific graphing software*)

### 1984 to 1987

#### Responsibilities

Founded Ad Astra, a computer consulting firm. Completed over forty contracts ranging from educational software to real-time control, and from invoicing sales to managing an egg farm. Emphasis on business database programs. Quickly analyzed requirements and rapidly came up to speed on a variety of computer systems. Wrote specifications and programs, did acceptance testing, hired and supervised subcontractors.

#### Tools

Omnis 5, Omnis 3, 4th Dimension (*4GL RAD database application design tools*)  
dBase, BASIC (*Tandy, Commodore*), VAX (*batch processing language*)