

**Neil P. Dennis**  
25 Holly Lane  
Farmington, NH 03835  
(603) 755-4583

**PROGRAMMING EXPERIENCE:**

Over twenty years of computer programming experience covering a wide variety of equipment platforms including Windows, Macintosh, UNIX, Linux and DOS. Experience in a number of languages and environments including 4D v1.x - 6.x, 2003, 2004, Java, HTML, JavaScript, XML, JSP, Struts, WSAD, Eclipse, C/C++, MySQL, Sybase, Oracle, as well as many other programming languages.

**WEB APPLICATION EXPERIENCE:**

Five years experience working on web applications using a variety of programming tools including WSAD, Eclipse, Tomcat, Struts, MySQL, Sybase, 4th Dimension and others. Projects include but are not limited to:

A Struts based web application for tracking split commissions records for sales agents. This application connects to Sybase to read and update information. This project also included creating a JAR file to be used by the another web application to insert information into a Sybase database.

A web application to track affinity information for an insurance company. This application was first constructed using 4th Dimension then later converted to use Java/JSP. This application runs on a Tomcat server and connects to a MySQL database.

Created a web site for a Video Store and another web eCommerce solution using 4D web programming a 4D database backend one of them utilizing an Apache web server front end.

A web application developed with a team of programmers to create a new web based quote and bind application for an auto insurance company. This application uses Sybase and XML for data transport, it includes coding techniques to execute server side scripts without a full page submit. And also includes dynamic dropdown updates from JavaScript.

**DATABASE AND 4th DIMENSION EXPERIENCE:**

Working as a Full time 4D programmer both as an employee and as an independent contractor since 1990. Including development of application front ends, web front ends, and database structural back ends in 4D, Oracle, Sybase and MySQL. Design and interface development for a number of multi-user and single user projects including:

On-site programming for large-scale multi-user engineering management database connecting to an Oracle backend (new aircraft design and engineering change control software) designed for a major airplane manufacture.

Front end 4D application to an Oracle back end. This program is a bill of materials system for a large disk drive manufacture. The program allows off-line use of local data with synchronization routines to keep the Oracle and 4D data equivalent copies. It also includes many complex reports of the Oracle data.

A new 4D application based on an existing application written in POP and based on the POINT shell. This program enters and tracks home and auto insurance policies for a large eastern insurance company. This project included coding a UNIX C++ application to query Sybase and export application data in an XML format suitable for printing, and a UNIX C++ application to mass import data into Sybase.

Video store web software. This program includes a point of sale system, inventory tracking and reporting system (including among others a graphical video rental history, a forecast depreciation report). This program also includes encrypted remote synchronization to a central server, which uses a 4D web server to allow up to the minute web searches on video store inventory.

**EMPLOYMENT:**

(May 1990 - August 1994) Programming manager (Chief Programmer) for Footprints, Inc. In addition to database design and coding, duties also include directing programming task assignments to staff programmers in all Footprints offices, training new programmers, consulting project managers and programmers with coding problems and design decisions.

(September 1994 - March 1997) Programming Engineer for Pacific Data Management including, but not limited to, on-site programming in Texas and on-site programming in California, while managing several other projects.

(April 1997 - Present) Owner of GreaText – Developing custom computer solutions for companies, working with 4D, Java, C++ and other languages. Experience in 4D Plug-in writing and Web Development as well as WSAD, Eclipse, Sybase, ODBC and many other languages and databases.

**EDUCATION:**

Ricks College (3.9 GPA)	Engineering
B.S. - University of Utah (3.7 GPA)	Mechanical Engineering/Computer Science