

**Neil P. Dennis**  
1630 W 2000 S 111B  
West Haven, UT 84401  
(515) 333-2546  
npdennis@greatext.com

## **PROGRAMMING EXPERIENCE:**

Over thirty years of computer programming experience covering a wide variety of equipment platforms including Windows, Macintosh, Linux. Experience in a number of languages, environments, and libraries including SQL, Oracle, C++, JavaScript, HTML5, CSS, jQuery, Java, Python, C#, AWS, Azure, Visual Studio, Eclipse, 4D (4th Dimension) as well as many others.

## **APPLICATION PROGRAMMING EXPERIENCE:**

Over twenty five years experience working on web, mobile and desktop web applications using a variety of programming tools including Visual Studio, Dreamweaver, Muse, AI, Eclipse, Tomcat, Apache and a variety of SQL databases. Projects include but are not limited to:

Programming for large-scale multi-user engineering management database connecting to an Oracle back-end (new aircraft design and engineering change control software) designed for a major airplane manufacture. This application includes a web component for managing engineering documents.

Design and programming a system for a pool manufacture that includes point of sale, engineering and 3D modeling, interface with robotic floor equipment, inventory control, accounting, shipping and returns and problem management. This project included using 4D, C++, SQL and XML, DXF and JSON communication protocols.

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. This video software includes a web front-end HTML, JavaScript, CSS for online ordering and real time inventory search. This application stores PCI data and includes regular security scans and penetration testing by a third party.

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, new at the time, to execute server side scripts without a full page submit.

Web front-end application for a back-end database to service Alternative Investments, includes dynamic charts and graphs using jQuery and live data from the back-end.

## **OTHER EXPERIENCE:**

Adobe PDF - from the Adobe document specifications, created a code library for generation of Adobe PDF documents. This framework creates minimal size PDF documents without the use of a printer driver or external converter.

XLSX - From the open XML document specifications created a code library to generate xlsx documents, this project is still underway adding features as needed.

Many front-end applications for databases in many different languages.

## **HOBBIES/INTERESTS:**

Hardware - work on old Commodore-64 computer systems trouble shooting and fixing hardware problems. In addition to the C64, work is also done on the 1541 floppy drive

New Web/Mobile/Data Access Languages - React, Angular, Handlebars, ORDA, Swift, Objective C, .net and anything cloud related

## **EMPLOYMENT:**

(August 2010 - Present) Application Architect for UMB Financial Corporation. Working on an inherited 4D database, created web and mobile front-end.

(1994 - Present) Owner GreaText. Consulting, design and programming custom applications for business

## **EDUCATION:**

B.S. - University of Utah (3.7 GPA)

Computer Science w/ ME Emphasis