

<b>Bradly J. Barton</b> <b>Jenies Technologies Incorporated</b>	P.O. Box 540279 Grand Prairie, TX 75054-0279	brad@HandAble.com 214-356-2389
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## Summary

- **Variety of Experiences and Diverse Background** Able to learn and adapt to new hardware, software, and strategies quickly and efficiently, becoming productive with short learning curves.
- **Devices** Palm Computing Platform, Windows CE, Symbol, Telxon, and Intermecc portable, hand held, and radio frequency terminals
- **Networking and Operating Systems** TCP/IP, Windows Sockets, and Berkeley Sockets. MS-DOS, Windows 3.x, Windows 95, Windows 98, Palm OS, Windows CE, and Windows NT. Client/Server, Three Tier, and n-Tier applications development.
- **Languages and Tools** ANSI C/C++, Visual C++, MFC (Microsoft Foundation Classes), Metrowerks Code Warrior C/C++, HTML, JavaScript, COM/DCOM, CGI, and ASP.
- **Internet and Intranet** Designed and created custom protocols in TCP/IP. Designed, created, and maintained Internet web pages and Intranet data warehousing projects.

## Since June 1996

Jenies Technologies Incorporated was founded in May of 1996. Since then, I have managed all technical aspects of the corporation. This includes design and maintenance of JTI's web presences, the creation of commercial software for the Palm Computing Platform, Windows CE, and Windows 95/98/NT, and the technical support of our customers after the sale and after the work is complete. Please visit our other online presences at HandAble.com and EyeNetTools.com to view our commercial/shareware offerings. Technologies used: TCP/IP (ping, smtp, telnet, etc.), HTML, ASP, VBScript, JavaScript, C, C++, COM/DCOM, CGI, Macromedia Dreamweaver, and Microsoft Visual Interdev.

## Palm Computing Platform

- **DCH Health** Finished an application for the Palm Computing Platform for prescription writing. Used PQA (wireless), Code Warrior, C, and C++.
- **eLearningDynamics** Designed and developed the Student Console portion of a real time wireless education application, which provides instant feedback to the instructor of student input.
- **imc<sup>2</sup>** Created an application for tracking the personal dietary needs of diabetics, including integration to a web database. Used Code Warrior, C, and Visual C++.
- **Jenies Technologies Incorporated** Designed, created, and marketed a password tool to allow users to keep their passwords on their Palm and use light encryption to protect them from prying eyes using Code Warrior as well as other Palm applications available at HandAble.com.
- **On-Line Design** Created an application to assist sales people in the field using Code Warrior. Application also included desktop synchronization with legacy application using Visual C++.
- **TMI Services, Inc.** Created an application for receiving deliveries in convenience stores. Created a custom application for systems management by engineers in the field. All applications were created using Code Warrior for PalmOS.
- **U. S. Pipeline** Created an application for tracking fuel and equipment use on job sites, collecting that information with a bar code scanner enabled Palm device and transferring that information back to the master database.

## Windows CE

- **Jenies Technologies Incorporated** Designed, created, and marketed a password tool to allow users to keep their passwords on their Pocket PC and use light encryption to protect them from prying eyes using Microsoft's eMbedded Tools.
- **On-Line Design** Created an application to assist sales people in the field using Microsoft's eMbedded Tools. Included desktop synchronization with legacy application using Visual C++.

## Other Devices

- **Information Forces, Inc.** Enhanced and maintained client-server application for radio frequency terminals for inventory and cycle counts in grocery stores using Visual C++, C, and TCP/IP.
- **Neiman Marcus** Designed and created a custom, client-server accounting software package using Visual C++, Crystal Reports, and ODBC. Enhanced and maintained client-server applications for radio frequency hand held computers for retail floor management using C, Visual C++, and TCP/IP. Radio terminals application suite included a custom built web server for monitoring system status. Wrote interface applications on UNIX and Windows NT to connect a legacy host system with a touch screen restaurant point of sale system using C, C++, and TCP/IP.
- **TMI Services, Inc.** Created a radio frequency terminal application for receiving deliveries in convenience stores using Visual C++, C, and TCP/IP. Ported the same concept to the Palm Computing Platform. Created other custom enterprise applications for 3Com's Palm Computing Platform using Metrowerks Code Warrior for PalmOS.

## Windows Desktops and Servers

- **Affinity Technologies** Wrote drivers to handle operation of a motorized door of a kiosk and printer monitoring application using Visual C++.
- **Exceleron Software, Inc.** Created monitoring applications for automated communications and ordering phone service from a major telephone service provider. Multithreaded applications using XML, Visual C++, and Windows Sockets.
- **IPMetrics, Inc.** Created user interface for the network control panel applet to configure network adapter driver software using Visual C++.
- **Network-1 Security Solutions, Inc.** Integrated and debugged Internet proxies for use with an existing firewall application. Also created communications layer for the various pieces of the firewall. Used Visual C++ and Windows Sockets.

## Background (Prior to July, 1996)

- April 1996 - July 1996: Contract for NEC America, Incorporated where I redesigned and finished work on a satellite usage monitoring system using Visual C++ and Windows Sockets. and prepared installation scripts and created database creation application for final product release using InstallShield and Visual C++.
- January 1996 - April 1996: Contract for Harbinger Corporation where I implemented referential integrity rules and various dialogs as part of a team building a Windows 95 client to an existing host system using Visual C++ and prepared installation scripts for final application release using InstallShield.
- 1993 - 1996: Employment at Information Strategies, Incorporated where I was responsible for design and implementation for a three tier warehouse management system, including MS-DOS based handheld terminals and Windows NT servers. Also Fully responsible for the architecture, design, implementation (of networking and database), and client support (full project management) of a three tier retail management system, including MS-DOS based handheld terminals and Windows NT servers. The NT software was written in Visual C++, SQL stored procedures on SQL Server, and Informix Embedded SQL. The terminal software was written in MS-DOS and C.
- 1993: Contracted for ISSC (IBM) and BancTec, Incorporated using OS/2, C++, IBM's foundation classes, and Named Pipes in client-server applications.
- 1990 - 1993: Employment at CompuTrac, Incorporated where I was responsible for applications development with early implementations of Microsoft Windows (versions 3.0 and 3.1) and Zortech C++ (now Symantec). During that employment, developed a complete set of custom foundation classes and a custom development tool for internal use.
- 1990: Bachelor of Science Degree in Mathematics with an English Minor from The University of Texas at Arlington
- 1988 - 1989: Contracting for Association for Retarded Citizens of the United States, wrote a speech activated environmental control system for the physically handicapped and a cognitive learning game.
- 1988: Contract for a worldwide United States Air Force agency, wrote a customized budget analysis application.
- 1987 - 1988: Contracting for a survey company for the Super-Conducting Super Collider, wrote a land survey database.
- 1987: Contracting for Datagraphics, Inc. wrote a civil engineering application for earth moving estimates.
- 1984: Eagle Scout Award from the Boy Scouts of America.
- 1983-1984: During part time, high school employment by the United States Air Force Civil Service program in Okinawa, Japan wrote and maintained custom report generating software on CP/M machines in the BASIC computer language. Upon departure to spend more time with studies, received an appreciation of service award and was replaced by a full time, active duty Air Force programmer.