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Summary

I am a well-qualified information systems specialist with a high degree of experience in systems analysis, application development and networking. I am dedicated to securing the technical knowledge necessary to maintain the highest level of expertise in computer technology. I have nearly 40 years of programming experience, using various programming languages, providing customized solutions for vertical market business applications. I am proficient in the design, development, and delivery of cost and performance effective technological solutions to meet challenging business demands. I am an energetic, enthusiastic, well organized, and detail-oriented individual with excellent communication across all levels of business. I have experience managing mission critical applications for multiple software development projects for multiple clients.

Technical Skills

Programming Languages Clarion for Windows Enterprise Edition; Clarion for Windows 1.003, 1.5, 2.003, 4.0, 5.0b, 5.5, and 6.3 Enterprise Web Edition; Clarion Database Developer 3.0 - 3.102; Clarion Professional Developer 2.008 - 2.110; dBase II and III Plus; Fox Base 1.2; PowerBuilder 3.0c; MS QuickBasic Compiler; Z-80 and 80x86 Assembler. Clarion Report Writer 2.1- 3.101, Clarion Reporter for Windows 2.0 and Crystal Info 5.0

Network Administration Microsoft NT Server 4.0 and 3.51; Novell 2.0a, 3.12 and 4.11; LAN Server 3.0; Ethernet; Fast Ethernet; IBM Token Ring; Frame Relay; TCP/IP; RS-232 serial-based networks and telephony applications. Administration, troubleshooting and management with various remote methodologies including Microsoft Server Management System; pcAnywhere; hardware and cable troubleshooting tools.

Operating Systems Microsoft Windows 3.1, 3.11, 95, 98, 98SE, NT 3.51,4.0; XP, Vista and Windows 7; IBM OS/2 2.1, Ubuntu Linux using Gnome and KDE desktop; OS/2 Warp 3.0 & 4.0; MS-DOS 2.1 through 6.22; PC-MOS/386; VM-386 and Apple OS X Leopard and Snow Leopard.

Hardware Extensive expertise in PC maintenance, upgrade and repair of all types of desktop and laptop computers.

Software Lotus Notes 3.2 for OS/2 and Windows; MS SQL Server; MS Word 6.0 and Word 97, MS Office 2002, 2003 and 2007; WordPerfect for Windows 6.0 & 5.2; WordPerfect 5.1 for DOS; Lotus Smartsuite; MS Access 97, 2000, 2003 and 2007; Oracle Developer 2000; Oracle Workgroup Server 7.2; Oracle PL/SQL; IconAuthor; WordStar 3.3 for DOS, as well as many other software packages.

Databases Oracle 9i, 10g, MS SQL Server 2000, 2005 & 2008, IBM DB2/2, MySQL 4.1, 5.0

Certifications

Clarion Certified Developer – April 1999

Microsoft Certified Professional – Windows NT Workstation 4.0, July 1998.

Professional Experience

Air Force Security Forces Association, San Marcos, Texas October 2009 – June 2010

Web Site Database Developer

Implementation of a new CMS based web site. Data conversion from older technology web site for a non-profit membership organization. Assist in the maintenance of the site and development of content articles. Implementation of technologies to allow access of content on the web site from mobile devices.

Brady & Associates, LLC, Dinuba, California October 1999 - July 2009

Database Applications Developer (Contracts)

Applications programmer for custom vertical market computer software solutions for small and medium sized businesses across the country. Maintenance of Clarion Professional Developer legacy applications and development of new Clarion for Windows applications to allow the transition from legacy systems to modern technology. (www.clariondeveloper.com)

Development of MAVIS (Model Age Verification Information System) used in the management of federally mandated record keeping for US Title 18 2257 regulations as part of the Child Online Protection Act using Clarion for Windows 6.3.

Development of Wi-Fi WEP Key Generator used in the management of security for wireless networks and remote router management and access. (www.wepkeygenerator.com)

Development of firewall reporting utilities for various end user software firewalls including BlackICE Defender, ZoneAlarm, WinRoute Pro and the Microsoft Windows firewall. (www.firewallreporting.com)

Development of Secure Address Book for Windows using Clarion for Windows that allows users to secure their email contact information in an encrypted database. Secure Address Book works with any email client, including AOL. (www.firewallreporting.com/sab)

Cleversey & Massa, P. C., Haverhill, Massachusetts August 1997- July 2009

Database Programming Consultant - (Contract)

Performed database structure and report modifications to a suite of applications used in the management of collection agency accounting originally written by third-party contractor. Application developed in Clarion Professional Developer 2.1.

Accela, Inc., Visalia, California October 2006 - July 2009

Technical Consultant – Data Conversions

Provided data conversion services for customer legacy data systems into Accela Automation database schema using custom SQL scripting as well as ETL applications from Relational Solutions (Blue Sky Integration Studio). Provided guidance and assistance to end user customers in the use of custom data mapping tools used to facilitate the migration of data from their legacy systems.

Performed maintenance and modifications on PL/SQL and MS SQL Server scripts used in data conversions processes that were not applicable to the use of the ETL tool mentioned previously.

Created custom data analysis and conversion tools to allow non-technical employees to analyze data for conversion processes.

Provide customer telephone technical support for legacy based systems used by cities and counties to manage their permitting and code enforcement processes. Also provided support for end user citizens using the Accela Citizen Access web site which allows for processing of online building permits and contractor licensing renewals. Created and developed an INI file comparison utility for management and customer service representatives to easily troubleshoot application configuration problems experienced by end user clients.

Diamond D, Inc., Kingsburg, California March 2006 - October 2006

Application Programmer

Application programmer and technical support contact for a large MS Access / MSSQL school management system used by post-secondary educational organizations to manage admissions, student enrollment, financial aid, accounting, job placement and student loan default.

Wal-Mart, Inc., Dinuba, California January 2006 - May 2006

Photo Lab Technician

Processing of film based photographs using Fuji Film computerized photo processing equipment for consumers in the retail marketplace. Assist customers with purchases of digital cameras and other digital imaging technologies.

Gaming Systems International, Las Vegas NV December 2001 - March 2002

Database Programming Specialist (Contract)

Provided programming support for a casino player tracking system being implemented by New Pagcor in Manilla, Philippines.

Interfaced Clarion for Widows application with MS-SQL Server and performed modifications to user interfaces and customized report outputs.

Quality Press Inc., Hudson New Hampshire November 1991- December 2002

Custom Database Programming - (Contract)

Designed and developed a custom database application, using Clarion Professional Developer 2.1, for processing of printing orders in the offset printing industry which increased the throughput of order processing by a factor of 5 and allowed the user to easily resubmit an order for a customer. This application has been continuously updated through 11/99.

Converted Clarion Professional DOS based application to Clarion for Windows 5.5 Enterprise Edition and added numerous functionality enhancements to allow for changes in the business process for the offset printing industry.

Logix Development Corporation, Camarillo, California February 2000 - June 2000

Database Programming Specialist

Assisted in the development of casino management and player tracking software for the gaming industry using Clarion for Windows 5.0 and Clarion 5.5.

Pay-e / Payroll People, Inc., Fresno, California February 1999 - October 1999

Software Quality Project Manager

Responsible for quality assurance in the development of a payroll processing software project. This project was developed in Clarion Professional Developer (DOS) and Clarion for Windows 5.0.

Oversee a group of 3 full-time and 2 contract programmers in the remediation of Y2K issues in legacy payroll processing software.

Monitor budget and expenditures for the software development project and provide guidance to management regarding development resources.

Brady & Associates, Scottsdale, Arizona & Alameda, California October 1996 - February 1999

Year 2000 compliance testing and application remediation.

Conversion of DOS based Clarion applications to Clarion for Windows. Design and produce custom vertical market software for clients. Office automation training, productivity enhancement, and network installation for small business clients. Client base consists of offset printing industry, manufacturers, and collections firms.

Tek-Systems, Alameda, CA – Contract for:

Providian Financial Services, Pleasanton, CA September 1998 - January 1999

Contract Programming and Network Administration (Contract)

Performed network administration to support Year 2000 application testing and certification.

Assisted Network Services department with custom programming in Clarion for Windows and various file conversion utilities.

Itek, Inc., Oakland, CA (Contract) February 1998 - February 1998

Provided technical support in configuring Ascend Pipeline 50 router to connect multiple users to the Internet.

JDA Software, Scottsdale, Arizona November 1996 - July 1997

Database Programming Specialist

Initially hired as Customer Services Group programmer to facilitate implementation of modifications to DSS (DOS based) point of sale system. Provided on-site services to West Marine, Watsonville, CA in Clarion for Windows 1.5.

Moved to New Product Development department for DSS to assist in making changes to existing DOS based application for multiple language support and other enhancements.

Law Audit Services, Inc., Wilton, Connecticut June 1995 - September 1996

MIS Director – Database Programming Specialist

Initially hired as Database Programming Specialist and promoted to MIS Director within six months.

Designed and implemented 9 server Windows NT 3.51 LAN with MS Server Management System and MS Exchange to support 50+ users of existing mission critical applications written in Clarion Professional Developer. Designed database server to support existing applications and allow for future implementation of Oracle Workgroup Server and client/server applications.

Programmed modifications for applications utilized in the analysis of legal billing. Modifications included user interface changes, process re-engineering, coded report changes, ad-hoc reporting and consolidation of multiple versions of source code.

Olflex Wire & Cable, Fairfield, New Jersey February 1995- October 1996

Tolas Health Care Packaging, Feasterville, Pennsylvania December 1995

TRW Canada, Ltd., Linkage and Suspension, St. Catharines, Ontario, Canada October 1995

Cosmair, Inc., North Brunswick, New Jersey August 1995

Lotus Notes Technical Support Consulting - (Contract)

Technical support for installation of IBM OS/2 2.11 or Warp 3.0 and Lotus Notes 3.2 OS/2 server, attached to Novell 3.12 via IPX/SPX or Novell 3.12 via TCP/IP.

Trained clients with Lotus Notes for Windows and in the administration of System 9000 databases.

Facilitated the implementation of an ISO 9000 quality management system.

Additional Lotus Notes development for Sales Contract Tracking and Lead Management.

Microtronics, Albuquerque, New Mexico & Seabrook, New Hampshire August 1983 - June 1995

Owner – Technical Consultant

Provided custom programming services for clients and contract agencies.

Performed end-user technical support for multiple operating systems and applications.

Specialized in multi-user and network database software solutions utilizing various PC-based database languages.

BottomLine Technologies, Inc., Exeter, New Hampshire February 1995 - May 1995
Database Technical Support Consultant - (Contract)
Technical support for installation of IBM OS/2 2.11 and IBM DB2.2 Database server.
Facilitated the development of a client-server, ad-hoc report management system utilizing PowerBuilder 3.0.
Assisted in the conversion of PowerBuilder 3.0 application from Watcom SQL to IBM DB 2/2 for OS/2.
Developed a database driven security system to control access to the application mentioned above.

Quality Systems International, Woburn, Massachusetts February 1994 - February 1995
Director of Technical Services - (Contract)
Managed technical support department for internal employees and external end user clients.
Lotus Notes based application used for document management and work flow for end-user client companies concentrating on ISO 9000 certification.
Produced and manufactured software products and performed custom multimedia programming using HSC Interactive and IconAuthor.
Provided recommendations for hardware and software for internal use and for clients.

EdCon Systems, Carlisle, Massachusetts January 1989 - January 1995
Technical Support and Programming Consultant - (Contract)
Contract programming services for client projects developed in Clarion Professional Developer 2.1.
Projects included technical enhancements for serial-based communications, multi-user operating system installation and support, network and hardware upgrade consultation, and the development of an ad-hoc report management system.

Charles River Associates, Boston, Massachusetts June 1994 - September 1994
Database Programming Consultant - (Contract)
Assisted in the development of customized reports for finance department use with the CRA Project Tracking System – a custom application developed, in Clarion Professional Developer, by a third-party independent contractor.
Provided advanced memory management routines and application analysis for project steering committee. Application written in Clarion Professional Developer 2.110.

IBM Corporation, Waltham, Massachusetts April 1994 - June 1994
Technical Support Representative - (Contract)
Technical support for up to 900 IBM employees during implementation of the Mobile Workforce initiative.
Support provided for OS/2 2.1, IBM LAN Server 3.0, IBM Communications Manager 2.0.
Hardware technical support for end-users of IBM PS/2 series computers.

Management Software, Inc., Woburn, Massachusetts January 1993 - February 1994
Senior Database Software Engineer - (Contract)
Software development of DOS-based applications to assist companies in the ISO certification process.
Application was written in Clarion Professional Developer 2.110.
Incorporated advanced graphics display capabilities and memory management techniques.

Andrulis Research Corp., Bethesda, Maryland July 1992 - December 1992

The Orkand Corporation, Silver Spring, Maryland January 1992 - July 1992

Senior Database Analyst/Programming Specialist - (Contract)

Classified project for United States Naval Department.

Provided PC programming and systems analysis for the Trident Submarine Command and Control System Maintenance Activity, Naval Undersea Warfare Center located in Newport, Rhode Island.

Kennebec Supply Company, Waterville, Maine March 1990 - July 1991

Special PC Database Projects Director - (Contract)

PC programming and technical support for PC users and clients.

Developed computerized repair and maintenance tracking system for light manufacturing environment.

Custom vertical market application development in Clarion Professional Developer 2.1.

Innovation Technology, Inc., Waterville, Maine July 1989 - February 1990

Technical Support Manager - (Contract)

Technical support for Clarion 2.0 & 2.1 application development software and PC-MOS/386 multi-user operating system used in the development of custom small business database projects.

Personal Projects

Developed and marketed a development tool for use with Clarion Professional Developer 2.1. This application was used to interface a CPD 2.1 based application to the Clarion Report Writer 2.1 and resulted in the only commercial quality implementation providing support for networked and serial based printers using the Clarion Report Writer 2.1.

Authored several technical articles for various newsletters on a wide range of topics from using technology to manage diabetes to desktop video editing. I have also been very involved over the years in various computer user groups, most notably as president of the Southern New England Clarion Users Special Interest Group for the Boston Computer Society, a member of the board of directors for the Fresno PC Users Group and the web master for the Tule Fog PC Users Group in Visalia CA.