

# Walt Culbertson Jr.

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## EXPERIENCE SUMMARY

- ✓ Extensive thirty plus year career as a professional in information systems processing
- ✓ Career spans mainframes, midrange and networked Personal Computers
- ✓ Providing Internet/Client/Server solutions and project management since the early 1990's
- ✓ Focused today on Internet enabled E-EDI and E-Business Distributed Internet solutions and healthcare delivery modernization
- ✓ Memberships in DISA WEDI and HIMSS
- ✓ Predominance of career functioning in some form of management or technical consulting capacity
- ✓ Highly self motivated, capable of independent and competent problem solving and team coordination
- ✓ Successful, and documented track record of providing innovative solutions through the creative use of management, technology and workflow management
- ✓ In addition to technical achievements, performed very successfully in a variety of leadership positions: MIS Director, Sr VP, Technology/Security/Privacy Officer

## Technical Accomplishments and Highlights

- 2004/2010 –Websites and Internet Development for Health Information Technology (HIT) Solutions and Frameworks.
- 1999 - FutureSoft, Inc. - Authored the initial prototype E-EDI mapping and conversion utility used to perform several TPA migration projects
- 1998 - Barnett Bank and NationsBank - Authored Horizon, Consumer Credit Group's EIS data mining and graphical reporting application
- 1996/97 - Bankers Risk Management - Authored BRMS, a healthcare benefits front-end application that automated workflow between legacy applications and mainframe based claims and benefits systems
- 1996 - HealthPlan Services - Designed, developed and implemented SHPA, a standalone healthcare benefits rating and quoting application
- 1995 - HealthPlan Services - Designed the CHPA Benefits Plan Billing Renewals application and managed the project team implementation
- 1994/95 - Corning Inc.- Authored majority of MEMS, a MRP real-time Plant Equipment management application for Corning and Asahi Video
- 1994 - IBS - Designed, managed and co-developed GMS, a Gas Industry Management System prototype for Strategic Energy Limited
- 1993 - Auto Club South (AAA) - Authored initial concept prototype and managed production development of the Point of Service application which was subsequently selected by the AAA National body as the standard POS application for all National AAA Club organizations
- 1992 - NCNB/C&S Sovran /NationsBank - Senior designer and developer of the Bank Account data merger & consolidation system
- 1990 - Authored a PC Space Shuttle Simulator NASA evaluated for use
- 1989 - Tarmac USA - Authored a Materials and Plant Control Order Entry & Shipping application for real-time materials process control
- 1984/86 - BSD, Inc. Authored PMS, a healthcare clinical and practice management, scheduling, claims and accounting application
- 1983/84 - BSD, Inc - Authored Manage, a sophisticated RDBMS, Cobol compiler, report generator and network administration application
- 1980/82 - AMTRAK - Authored the Budget Status System which allowed financial departments the first interactive automation to create and maintain complex congressionally driven and controlled fiscal budgets

## Management Highlights

- 2010 Interim Program Director, The Center for the Advancement of Health IT (AHIT)
- 2008 President, ePrescribe America, Inc.
- 2006 Executive Director, ePrescribe Florida
- 2004 – CEO Health Transactions, Inc.
- 2003 - CTO, CSO, CPO WebifySolutions
- 2001 - CTO, CSO, CPO Availity LLC
- 2000- Vice President of HIPAA - TriZetto
- 1999 - Vice President of Healthcare Computer Management Consultants
- 1994 - FutureSoft - Principal
- 1998- Bankers Insurance Group – Healthcare TPA Migration Project Manager
- 1996- BRMS - Implementation & Conversion Team Project Manager
- 1995 – Manager HealthPlan Services
- 1994 - IBS - Manager of Development
- 1992- AAA Auto Club South - Manager of Prototype Development and- Manager of Finance and Administration Systems
- 1987 - Tarmac Roadstone (UK) - Director of MIS, U.S. Operations
- 1983 - Principal Partner, BSD, Inc. Patient Management System

## Video, Teaching and Writing

- 2002/2010 – Video and Televised Interviews
- 2000/2010 - HIPAA, HIT, EMR and ePrescribing Presentations and Articles
- 1999/2000 - Florida State University: Adjunct Professor, E-Business
- 1998 - FBMC: Designed JAD/JRP methods
- 1996/97 - BRMS: User Claims Training
- 1996 - HPSI: User Guides and Training

### Languages

Assembler 360/370 - 8086-80X86, 8080/Z80, Basic, C/C+ +, CGI Cobol/Cobol 2, Fortran, Pick, PowerBuilder, Visual Basic, XML D/HTML, Java, JavaScript, VBScript, .Net



### Databases

Access, xBASE/Dbase, DB2 - DB2/2, Ingress, Informix, ORACLE, Paradox, MS SQL/Server, SYBASE & System X, SQLAnywhere and Watcom

WebYoda



### Micros - Midrange

IBM PC/XT/AT PS-2 IBM Compatibles, IBM System 36/38/AS400, 34XX, NCR S-40/60

### Mainframe

IBM 309X, IBM 4341/81, IBM 30XX, IBM 360/370, Perkin Elmer OS/3250, VAX/VMS

## Education

- 01/2000 - Florida State University WebMaster Certification
- 09/1999 - WebYoda WebMaster Certification
- 10/1998 - EHNAC X12N EDI Accreditation
- 1992/2000 - XML and Oracle8i Training seminars and Data Modeling. Microsoft Tech-Net Internet an Networking, Security and Design workshops.
- 12/1981 - AA in Computer Management Systems Anne Arundel College, Maryland (*Honors Graduate- Magna Cum Laude*)
- 08/1975 – *Emergency Medical Technician, Corpsman Basic, Dental Technician, US Navy*

## Professional Experience

<p><b>10/2004 - Present</b> D/HTML / XML Java - JSP</p> <p>Visual Studio, Dreamweaver</p> <p>Service Oriented Architecture (SOA) Web Services</p> <p>Oracle HTB and TCA</p> <p>UDDI, SOAP, WSDL, WS-Security</p>	<p><i>President</i> of Health Transactions, Inc., dedicated to Administrative, Financial and Clinical healthcare transactions success. Currently representing the state of Florida as it's technical and HIE subject matter expert for the State Health Policy Consortium, Southeast Regional HIT-HIE Collaboration (SERCH). SERCH is collaborating on a framework for facilitating cross-border Health Information Exchange (HIE) for Disaster Preparedness in the Southeast and Gulf States.</p> <p>Providing consulting services to health plans, providers and healthcare support entities. Currently serving as the Business Lead for the BCBSF 5010/ICD-10 compliance transformation. Also provided ePrescribing and SME support for Payer Based Health Records; Personal Health Records, eLabs; Clinical Adoption and e-Medicine; Pay-for-Performance; and HIE's.</p> <p>Provided HIPAA Subject Matter Expert (SME) to BCBSF, the Blue Cross Association, and Shape Up the Nation, for determination and analysis related to HIPAA Transactions, Privacy and Security. Served as co-lead for the BCBSF Health Services Organization (SO) Pandemic Planning and Business Continuity Workgroup.</p> <p>Provided consulting services for e-prescribing, HIT and HIE initiatives in Tennessee, Ohio and Virginia. This included individual state and regional efforts aimed at organizing stakeholders to respond to the numerous opportunities within the Health Information Technology (HITECH) provisions of the American Recovery and Reinvestment Act (ARRA).</p>
<p><b>05/2010 – 02/2011</b> Microsoft Project, Word, PowerPoint Dreamweaver</p>	<p>Interim Program Director and Community Outreach Liaison for the Center for the Advancement of Health IT, The Rural and Northern Florida Regional Extension Center (REC). Working with to the Office of the National Coordinator (ONC) responsible for ensuring physicians adoption and meaningful use of Electronic Health Records (EHR) and Health Information Exchange (HIE).</p>
<p><b>11/2006 – 10/2009</b> D/HTML / XML Java – JSP Microsoft Project, Word, PowerPoint Dreamweaver</p>	<p><i>President of ePrescribe America and Executive Director of ePrescribe Florida</i>, a collaboration of the leading state health plans, provider organizations, retail pharmacy and vendors. Served as the elected Director of the ePrescribing collaborative which is striving to increase patient safety by establishing state efforts to accelerate physician adoption of ePrescribing and cooperation among prescribing constituents. Responsible for managing the Website and all working groups. Serves as the liaison between diverse stakeholders, helping to coordinate information between the steering committee and individual working groups and governance committees. Steering Committee Consultant to HIT and ARRA Initiatives in Florida, Tennessee, Virginia and Ohio.</p>
<p><b>04/2000 – 05/2005</b> Microsoft Project, Word, PowerPoint Frontpage, Visual Studio</p>	<p>Founding Chair of the Southern Healthcare Administrative Regional Process (SHARP) and founding <i>Co-Chair</i> for the Security and Privacy <i>Workgroup</i> for the Workgroup for Electronic Data Interchange (WEDI) - Strategic National Implementation Process (SNIP). Also served as the founding Co-Chair of a CMS Sponsored Insurance Commissioner Task Force of the 13 Southern States. Redesigned and implemented the new WEDI Website and solely maintaining s and sponsoring the SharpWorkGroup Website and content.</p> <p>Received the WEDI Leadership in Technology award, twice awarded the WEDI Award of Merit, the WEDI Distinguished Service Award, and Leadership Awards from SHARP and HIMSS.</p>
<p><b>10/2003 – 10/2004</b> D/HTML / XML Java - JSP WebSphere/DB2 MQ Series Microsoft .Net, Visual Studio</p> <p>Service Oriented Architecture (SOA) Web Services</p> <p>IBM Websphere WBI – WDI Services</p> <p>UDDI, SOAP, WSDL, WS-Security</p>	<p><i>Chief Technology, Security, and Privacy Officer</i> for WebifySolutions. Responsible for the product roadmap and all facets of the technical direction and technology decisions across the enterprise which is marketing next generation Web Service applications supporting a Services Oriented Architecture (SOA) framework. Responsible for product platforms, architectural choices, strategic vendor alliances, and implementation options. Accountable for the analysis and communications activity necessary to effectively implement and maintain the product roadmap including all internal and external product documentation and collateral such as product marketing slicks and layouts.</p> <p>Designed and managed the development of the Webify Suite of Health Transaction Applications of the mandated HIPAA transactions within one of the industry's first unified platform capabilities for faced (browser) and machine to machine EDI. Responsible for all aspects of the organization's Website and product user interfaces (UI). Designing the product collateral and marketing presence, as well as the application and components for a Consumer Settlement Application suite capable of addressing HSA, HRA, and FSA administration within a sophisticated SOA and Web Services based framework enabling a collaborative approach to Consumer Directed Healthplans</p>

<p><b><u>08/2001 – 10/2003</u></b>  <b>D/HTML / XML</b>  <b>Java/Vitria/Oracle</b>  <b>WebSphere/SunOS</b>  <b>NT/SQL-Server</b>  <b>Apache/IIS</b></p>	<p><i>Founding Chief Technology, Security, and Privacy Officer</i> for Availity, L.L.C. a BCBSFL and Humana co-owned healthcare clearinghouse. Was responsible for all aspects of the technology and applications budget and development foundations and hosted production and development infrastructure and facilities. Accountable for HIPAA Transactions, Code Sets, Security and Privacy compliance programs and contracts, and migrating 17,000 existing Humana and BCBSFL providers to the Availity clearinghouse and portal.</p> <p>Was responsible for initially setting up and managing the customer service call center staff and infrastructure. Implemented and tuned the call center support technology (I3) solutions and adjunct capability. Managed the Availity internal technology and networking resources. Solely designed and implemented the award winning Availity Website and portal user interfaces for both the marketing and provider HIPAA related transactions and services.</p> <p>Under Walt's technology leadership, Availity successfully integrated a host of desperate technology foundations and platforms which earned Availity the reputation as one of the most successful clearinghouse startups in health care, and garnered Availity the AstraZeneca-NMHCC Partnership Award, the TETHIE Award for Most Innovative IT Solution in the Payer Community, the E-Fusion Award, and the eHealthcare Leadership Award</p>
<p><b><u>12/2000 – 08/2001</u></b>  <b>D/HTML / XML</b>  <b>Java - JSP</b>  <b>WebSphere/DB2</b>  <b>BEA Web Logic</b></p> <p><b>Microsoft Project, Word, PowerPoint Frontpage, Visual Studio</b></p> <p><b>IBM Midrange and Mainframe systems supporting ERISCO, RIMS, and Facets</b></p>	<p><i>Vice President of HIPAA Solutions</i> for The TriZetto Group. Managed the technology, resources and component architecture foundations across all TriZetto healthcare applications. Responsible for all aspects of HIPAA compliance and product integration and for the efficiency and execution of HIPAA and other regulatory programs such as GLB. Designed product solutions and related service offerings and pricing models, and the integration of these throughout the diverse TriZetto application and service foundations.</p> <p>Accountability to budget, explain, advocate, and express required compliance programs and foundations to both internal product groups and externally to customers and strategic vendors and partners. Responsible for all aspects of industry outreach and maintaining TriZetto market visibility and compliance leadership. Organized and presented TriZetto and industry conferences and worked closely with the marketing and communications departments. Senior manager interviewed for periodicals and press releases and communications.</p> <p>Developed and formalized the TriZetto HIPAA compliance and assessment program and consulting service offerings for the Transformation Services (TS) division, including design and development of all marketing and customer support material and collateral. Developed the TriZetto "train-the-trainer" program for TS consultants. Wrote the majority of the core HIPAA and GLB training program curriculum and served as featured presenter and host.</p>
<p><b><u>12/1999 - 01/2001</u></b>  <b>D/HTML / XML, ASP</b>  <b>Java / Weblogic</b>  <b>Oracle and Sybase</b>  <b>MS Access,</b>  <b>Word, Excel,</b>  <b>Project Manager</b>  <b>ER/Win</b>  <b>Dream-Weaver,</b>  <b>MS FrontPage</b>  <b>MS Visual Studio</b></p>	<p><i>Vice President of Healthcare Services</i> for CMC. Assisted in the startup of CMC's healthcare consulting division. Managed the internal team and transaction component foundation integration of vendor solutions for a secure e-Healthcare X12N Internet delivery. Consulting engagement to Blue Cross Blue Shield of Florida to analyze their current proprietary FTP, bulk data delivery and other Internet capability and present tactical and strategic HIPAA compliant recommendations. Featured speaker at numerous HIPAA related conferences.</p> <p>In consulting engagements for CMC, represented PriceWaterhouseCoopers as a Director of their Healthcare Consulting Group at a series of PWC projects, proposal presentations and HIPAA conferences and forums. Assisted PWC with the development of their HIPAA strategies, presentations, and assessment methodology. Managed CMC's HIPAA project assessment team assisting PWC on HIPAA assessments for large regional payers.</p>
<p><b><u>10/1999 – 03/2000</u></b>  <b>D/HTML / XML/ SSL</b>  <b>Java / Cold Fusion,</b>  <b>Advanced Graphics</b></p>	<p><i>Adjunct Professor</i> for the Florida State University, Center for Professional Development. Taught the E-Business courses for the WebMaster Certification program. Instructor to WebYoda, Inc. for all E-Business, ColdFusion and Java on-line course students.</p>
<p><b><u>10/99 – Present</u></b>  <b>D/HTML / XML/ SSL</b>  <b>Java / Cold Fusion,</b>  <b>Advanced Graphics</b></p>	<p>On-line Training Center for WebMasterCertification.com. Running and teaching on-line students in HTML, e-Business, Cold Fusion, Java, Flash, and Advanced Graphics.</p>

<p><u>03/1998 – 01/2000</u>  <b>NT 4.0/Server</b>  <b>Visual InterDev</b>  <b>Visual Basic 6.0</b>  <b>PowerBuilder 6.0 / 7</b>  <b>EA Studio 2.0 / 3.0</b>  <b>FrontPage, IIS, ASP</b>  <b>CGI, ADO, OLE DB</b>  <b>Sybase SQLAny 5.0</b>  <b>IBM AS400 (Txen)</b>  <b>MS Excel / Word</b>  <b>DataJunction/ERwin</b>  <b>Sybase 11.5</b>  <b>MS Project Manager</b></p>	<p>Provided FutureSoft <i>consulting services</i> to Third Party Benefits Administrators performing data migrations and health plan conversions. <i>Managed and performed</i> conversion projects for Bankers Insurance Group, JRStoner &amp; Company, and Group Resources, Inc. Designed and wrote the prototype data I/O mapping conversion and Internet EDI delivery utility. Setup the SSL and PKI Security used to perform most of the processing for the TPA migration projects. The Internet was utilized to deliver the rendered proprietary EDI as well as the Group Plan, Claims and Employee production reports from mainframe based Claims system.</p> <p>Provided consulting services to BRMS upgrading the Operations application previously written in PowerBuilder 5.0 using DDE and MS Office 95 (Word Basic) to PowerBuilder 6.0, MS VBA with Office 97 replacing DDE with OLE. Also provided consulting services to FBMC as a <i>Senior Business Analyst</i> to evaluate the TPA's in-house developed PowerBuilder 5.0 Client/Server solution. Analyzed possible vendor solutions, and created development and prototyping JAD and JRP procedures that were introduced during user design sessions.</p>
<p><u>08/1997- 03/1998</u>  <b>Windows NT &amp; 95</b>  <b>PowerBuilder 5.0</b>  <b>ERwin / PowerTools</b>  <b>IBM 3090/DB2</b>  <b>SQLAnywhere</b></p>	<p><i>Senior Business and Systems Analyst Consultant</i> to MD Technology (MDT) of Jacksonville. Responsible for the design, development, and implementation of an Executive Information System for the Consumer Credit Group for Barnett Bank. Conducted all user JAD and design sessions with Barnett and MDT personnel. Designed and developed the EIS application that extensively used the PowerBuilder datawindow object to effectively organize and present sophisticated graphs, snapshots, and reports of critical enterprise data while comparing and contrasting the complex relationships of data stored in the Barnett DB2 Data Warehouse.</p>
<p><u>01/96 - 08/97 (98/99)</u>  <b>Windows 3.11 &amp; 95</b>  <b>ERwin/PowerTools</b>  <b>Excel/Word</b>  <b>OLE/DDE</b>  <b>Txen-AS400/COBOL</b>  <b>Facts- NCR / Pick</b>  <b>PowerBuilder 4/5.0</b>  <b>MS Project Manager</b></p> <p><b>PowerBuilder 4/5.0</b>  <b>SQL-Server/Watcom</b>  <b>Windows NT</b></p>	<p>Provided FutureSoft consulting services as a <i>Project Manager</i> and <i>Senior Business Analyst</i> to Bankers Risk Management Services (BRMS), responsible for assisting in the TPA selection, vendor contract negotiations, implementation, and workflow re-design of a new claims processing solution for the Third Party and Benefits Administrator, servicing primarily self-funded and fully insured employer groups. The operations that were re-engineered included EDI, claims adjudication and plan building; group plan setup, maintenance, billing and claim funding, and various State, Federal, and vendor reporting requirements. <i>Analyst and developer</i> for a custom PowerBuilder application, used in the system conversion effort from Facts Services Claims Manager to TXEN HMS.</p> <p>Designed, developed, and implemented a GUI Client/Server front-end EDI sub-system as part of the re-engineered process flows. Effort was to enhance and leverage the operation's host centric processing foundation. The modules included Cobra Administration, Financial Services &amp; Group Claim Fund management, Ledger and Accounts Receivable/Payable processing, and secure Electronic Data Interchange (EDI) to and from the mainframe.</p>
<p><u>06/1995 - 01/1996</u>  <b>Windows</b>  <b>Novell LAN</b>  <b>Sybase System 10</b>  <b>PowerBuilder 4.0</b>  <b>ERwin / PowerTools</b>  <b>MS Project Manager</b></p>	<p>Provided FutureSoft consulting services as <i>Project Manager</i> and <i>Senior Business Analyst</i> consultant at HealthPlan Services, Inc., working primarily on the Florida Community Health Purchasing Alliance (CHPA) product. Was responsible for project team management and the design, development, implementation, and integration of the Renewals and Billing Processing Application for the CHPA System. In addition to conducting the Requirements and JAD sessions, wrote the user documentation and Windows on-line help facility, and trained claims and customer service examiners on the new system functionality.</p>
<p><b>Visual Basic 3.0/4.0</b>  <b>MS Access</b>  <b>ERwin</b>  <b>MS Project Manager</b></p>	<p><i>Designed, developed, and implemented</i> an Insurance Premium Rating and Submission System for the HealthPlan Services Alliance product, which was the North Carolina State counterpart to the Florida CHPA system. All development utilized Visual Basic and Microsoft Access. ERwin was utilized as the data-modeling tool. Participated as the only consulting non-employee team member of the HPSI Senior Management product QA review board.</p>
<p><u>10/1995 - 01/1996</u>  <u>10/1994 - 06/1995</u>  <b>Windows/Workgrps</b>  <b>Novell</b>  <b>Windows NT</b>  <b>PowerBuilder 3 / 4.0</b>  <b>ERwin / PowerTools</b>  <b>ORACLE 7.0</b>  <b>Watcom /Ingress</b>  <b>VAX/VMS</b></p>	<p>Provided FutureSoft consulting services for Corning, Inc. as a <i>Senior Business Analyst and PowerBuilder Instructor and Mentor</i>. Primary project was the design, development, and implementation of a MRP real-time Client/Server manufacturing application that managed the plant equipment required to produce sub-components for Video products. Helped design and develop the majority of the application's initial 900+ PowerBuilder objects working with Corning Oracle and Ingress DB Administrators. Provided PowerBuilder instruction, technical assistance, and guidance for several other Corning project teams developing Client/Server solutions. Also participated on the Corning Design Standards Committee, and assisted in the development of Enterprise wide PowerBuilder development and GUI standards.</p>

DecNet/Pathworks MS Word 2.0 / 6.0 DOC-To-Help 1.1/2.6 MS Project Manager	Senior <i>Instructor</i> and <i>Implementation Manager</i> helping to train the 400+ Corning ASHAI Video plant management and production personnel in classroom simulation and training. Authored all of the application's documentation and end-user training materials used. This included a comprehensive standard Windows on-line help facility.
<u>04/1994 - 10/1994</u> Windows Novell/Windows NT SQL-Server /Watcom PowerBuilder 3.0 PowerTools	Provided services to IBS of Tampa, as <i>Manager of Development</i> . Designed a Client/Server Gas Management system, and managed the project team to develop the working prototype. Responsibilities included project management; facilitation of both end-user and technical JAD sessions; development of design documents; database administration; and software development. Provided technical support to IBS staff for Windows, Novell, PowerBuilder, application development and GUI standards. In addition to management role, also developed the majority of the Gas Prototype system's 150 + PowerBuilder objects.
<u>08/1992 - 04/1994</u> Windows Novell - OS/2 DB2 - DB2/2 IBM 3090 MVS PowerBuilder 2/3.0 MS Project Manager	<i>Manager of Prototype Development</i> and <i>Financial and Administration Systems</i> for AAA - Auto Club South. Responsibilities included financial, administration and mainframe based decision support systems as well as project management and software design for the development of a Client/Server Point of Service System. The applications encompassed all aspects of the AAA Branch Office operation, including Point of Sale, Retail, Membership Services, Travel Services, and Insurance systems. The Point of Sale (POS) workstations included scanner and touch screen technology, MSR, and Bar Code integration. System contained over 130 Window objects and 80+ tables. Managed the development team of 7 personnel and designed and wrote the initial class foundation used. Designed and wrote the core POS application, which consisted of retail, credit card, and specialized membership processing.
Visual Basic 2.0/3.0 Q & E Paradox, Access	Designed, wrote and presented the initial VB developed prototype used to gain management and end-user approval for a production version of the PowerBuilder, DB/2 development. Initial prototype contained 70+ VB forms and 50 Paradox tables. Lead JAD & JRP sessions.
Visual Basic 2.0 PICK Revelation	Other significant projects completed included the design and development of a Client/Server, Human Resources and COBRA Administration front-end which provided a Mainframe/Micro Link to provide SQL queries of mainframe based Personnel and Payroll data.
<u>07/1990 - 08/1992</u> IBM 3090 ESA ISPF Dialog Manager COBOL / HOGAN IMS / VSAM Clist / REXX	Provided consulting services to Computer Management Consultants (CMC) for the DDA Systems group for NCNB/NationsBank as a <i>Senior Business Analyst</i> and <i>Lead Developer</i> . Projects at the banks' Tampa Production Network Center included support of the HOGAN production DDA/CIS Banking application and the design and development of an interactive on-line User Acceptance Testing system used for Quality Assurance. Also wrote the modules used to convert the C&S and Sovran DDA Systems and the NCNB Hogan DDA systems which became the NationsBank consolidated production system. Authored a sophisticated TSO/ISPF Dialog Manager application automating HOGAN and Production batch functions.
Windows RPC - TCP/IP - Informix/ C PowerBuilder1.0/2.0	Designed a prototype Client/Server Model for Branch Office Operations access of the Demand Deposit Accounting and Customer Information data. Designed and wrote Assembler and C routines for IBM HLLAPI for PC to Mainframe communications and PowerBuilder for the Windows GUI presentation interface.
UNIX NCR 96000 Reynolds&Reynolds	Provided <i>consulting services</i> to Precision Enterprises, Inc., as a <i>Business Analyst</i> for the Automobile Dealership chain. Effort was to provide a Functional Analysis of their NCR UNIX Network, and provide requirements and procedures for future automation.
<u>07/1989 - 07/1990</u> Windows Novell Assembler/C/C++	Utilized skills to write and design PC based Graphics and Video Imaging, motion, and imaging processing software. The modules were written in C and 8088-80386 assembler for Novell LANs, OS/2 and DOS. First application was the development of a PC based Space Shuttle Simulator which was evaluated for use by NASA Astronaut Flight Training in Houston.
Windows Novell Visual Basic 1.0	Provided part time consulting services to ERM Home Health Care Services as a <i>Project Manager</i> and <i>Instructor</i> , guiding the installation and implementation of a proprietary solution for Patient Case Management. Provided nursing staff training and implementation support.

<p><u>09/1986 - 07/1989</u>  <b>IBM 4381 - DOS/VSE  VM/CMS - CICS  VSAM  Series I  Oracle/UNIX</b></p> <p><b>IBM Series I  PC Compatibles  Novell  MicroFocus/RM  COBOL</b></p>	<p><i>Management Information Systems Director</i> for Tarmac Roadstone USA. Accountable for <i>all</i> aspects of the Information Systems infrastructure for U.S. based operations for the British construction materials provider.</p> <p>Responsibilities included all corporate, plant sites and satellite office automation, as well as the day to day management and personnel activities related to running the corporate Data Center operations with a staff of 45+ operators, programmers, and network administrators. The primary mainframe applications were MSA Financial and Human Resource packages, and proprietary Plant and Process control systems.</p> <p>Provided <i>consulting services</i> to TARMAC to design, write and implement a distributed PC based Order Entry/Shipping Processing system. The system Used Novell LANs with Plant processing sites linked on-line via WAN communications tied to local IBM Series I process controllers. The OES system consisted of 60+ COBOL, Clipper, and Assembler programs.</p>
<p><u>03/1983 - 09/1986</u>  <b>PC Compatibles -  DOS, PC-MS/DOS  TeleVideo - CP/M  Assembler / C</b></p> <p><b>IBM 4381 DOS/VSE  COBOL/CICS  VSAM</b></p>	<p>Founder and <i>General Manager</i> of Patient Management Systems <i>dba</i> BSD, Inc., marketing Healthcare and Practice Management, multi-user, turnkey network systems and LANs. Responsibility for product research and <i>development</i>.</p> <p>The database packages developed included a complete DBMS, COBOL Compiler, Word processor, Report processor, and Menu system. Applications developed encompassed all aspects of clinic, practice and patient management including modules for patient billing, scheduling, insurance claims processing, and automated medical records' management. All Medical and Dental Practice Management Packages integrated with the Patient Video, A/P, A/R, G/L &amp; HR systems. In addition, each package was customized for the various types of medical or dental specialty or care focus.</p> <p>Managed BSDs' consulting division, which provided mainframe contract programmers to ARINC, as well as several hospital and outpatient clinical organizations using primarily MSA Financials and Global Software, Inc.'s Healthcare &amp; Hospital Materials Management System.</p>
<p><u>03/1980 - 03/1983</u>  <b>IBM 3081-3083  OS/MVS-VM/CMS</b></p> <p><b>IMS/ISAM/VSAM  370 Assembler  COBOL  FORTRAN</b></p>	<p>Utilized skills as a <i>Senior Systems Analyst</i> for Amtrak's (National Railroad Passenger Corp.) Finance and Budget Department. In this capacity, worked directly with senior level financial management, budget and financial analysts, as well as systems users nationwide to provide resource management of Amtrak's financial and congressionally driven budget process.</p> <p>Major technical accomplishment included the design, development and implementation of a complete DBMS called the Budget Status System. BSS provided Amtrak's corporate Departments with a vehicle to formulate and update fiscal budgets in a timely and flexible manner. System contained over 150 Assembler, Cobol and Fortran modules.</p> <p>Was awarded the Presidents Achievement Award for efforts related to creating the Budget Status System (BSS) and Amtrak's first on-line Accounting Tool.</p>
<p><u>03/1979 - 03/1980</u>  <b>IBM 370 - 3081  OS/MVS COBOL  ISAM/VSAM</b></p>	<p>Skills were utilized as a <i>Programmer Analyst</i> for Data Technology Industries, which provided contracting services to organizations using primarily large IBM networks. Primary assignments for DTI were at the Department of Energy (DOE)</p>
<p><u>03/1975 - 03/1979</u>  <b>U.S. NAVY</b></p>	<p>Tour of duty in the USN. <i>Navy Corpsman</i> with a Dental Technician rating. Stationed at various Naval clinics. Obtained the rank of E-5 and received an honorable discharge.</p>