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Technical Summary

Language:	Years of experience
Mumps/Cache (ISM, DSM and GTM)	18
Caché Objectscript, Caché Server Pages (CSP), SQL	2
FrontPage Web Development (Java, HTML, XML, ASP)	9
Web Design - JavaScript, VBScript HTML, XML, ASP	5
Visual Basic – Object programming	3
Unix shell scripts	2
Client/Server M/SQL Server 2005	2
C++	2
MS Office (Excel, Word, PowerPoint, Outlook, Access, Visio)	12

System Operations:	Years of experience
VAX/VMS/ DEC HP OpenVMS Alpha	16
IBM UNIX (AIX)	9
Microsoft Windows 2000, XP Pro, Vista, Server 2003	18
IBM System 3xxx/AS400	6

Technical Skills:

Clinical Laboratory and Financial Systems full life cycle project development, design analysis, coding, testing, debugging, implementation and documentation.

- Software development, application testing and test plans, project management
- Coding critical programs for hospital patient care, clinical equipment, and financial systems
- Patient and specimen identification using barcode printing and scanning technology
- Client/server applications that connects via protocol ODBC, ActiveX, JDBC, Java
- Clinical lab and LIS inbound and outbound interfaces – HL7, FTP, TCP/IP, ASTM
- Laboratory Instrument interfaces –(TCP/IP) , EDI
- Remote development, installs, upgrades and troubleshooting (telecommuting)
- Misys (Sunquest) Clinical Laboratory programming and implementation
- Antrim Clinical Laboratory programming and implementation
- Antrim Billing Systems programming and implementation
- GE Healthcare Flowcast 3.0 (IDX) custom programming and implementation
- Data warehousing, clinical data repository and disaster recovery systems
- Technical support, analysis, conversions and maintenance of routines, scripts and procedures
- Certified HIPAA (Health Insurance Portability and Accountability Act) compliant privacy rules for electronic exchange of health care data in 2002 at Cedars-Sinai Medical Center
- Design and create web sites, edit graphics using Adobe Photoshop and Microsoft Image Composer. See http://www.labins.com.
- Strong customer service and helpdesk applications and hardware support skills

Professional Experience

February 2008 – Present
Ameripath, Inc Dallas Texas
Flowcast Programming Consultant

- M/Cache custom programming
- Centricity Business Flowcast implementation
- Flowcast Web Framework
- BAR (Billing & accounts receivable) Module
- TES (Transaction Edit System) Modules
- HL7 & other medical billing interfaces

<u>Aug 2006 – February - 2008</u>
Sutter Medical Center Sacramento, CA
Consultant, Misys Clinical Laboratory System

- Design data elements global and program extraction process
- Code mumps routines for extraction of critical clinical laboratory data
- Code AIX shell scripts (ksh) to control data flow to and from multiple windows 2000 SQL servers
- Code FTP processes that move data to warehousing systems daily
- Design and code error trapping using email notification for process completed or if an error occurs
- Test and implementation of programs into production environment
- Document mumps routines, globals and processes for technical support

<u>2005-2006</u>
Henry Elliott & Company Inc, **Mayo Clinic,** Rochester, MN
Antrim Clinical Lab Application Development Consultant

- Convert GSM mumps routines to GTM Mumps/cache running on AIX.
- Development of VB multiple file transfer programs.
- Design, develop, and implementation of custom Mumps routines Antrim laboratory for GSM and GTM.
- Identify and repair routine failures reported by application users.

<u>1994-2005</u>
Perot Systems, Cedars-Sinai Medical Center, Los Angeles, CA
Application Development Specialist (1999-2005)

- Support Misys medical laboratory applications in Caché and MUMPS environments.
- Programming analysis, design, development, testing, debugging, implementation and documentation
- Analysis, conversions, testing and implementation of Y2K compliant date sensitive applications.
- Client/server programming and database management.

Senior Programmer Analyst (1994-1999)

- Support Sunquest medical laboratory applications
- Project Manager for Antrim Financial System
- Develop user routines in MUMPS, M/SQL
- Development and implementation of instrument interfaces, kernels, transmission links, and remote printing
- VAX/Alpha and Windows desktop system support
- On-call Help Desk support for hospital medical laboratory and financial systems

<u>1989-1994</u>
Sunquest Information Systems, Tucson, AZ
Programmer Analyst

- Applications development, analysis design, documentation, testing, debugging, and maintaining MUMPS code
- Work experience included development on VAX and IBM platforms
- Patient and specimen identification using barcode printing and scanning technology
- Designed, code and install HL7 ADT ,Orders and Results interfaces

Education

Michigan State University
BS Electrical Engineering

University of Los Angeles (UCLA)
Visual Basic, PowerBuilder

IBM corporation
System Programming

IBM Corporation
Field Engineering

References   References Available on Request