



Joseph J. McLaughlin III

Email: contactus@blackmesa.org

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S U M M A R Y

I have over a decade and a half of experience in large scale production and complex information systems. My career history has given me a unique perspective on all levels of a modern IS department. I am a self-starter that can work independently, when necessary, or within a large organization. My skill set allows me to deal with a wide range of areas, from operations to programming to management and policy decision. I welcome challenges and opportunities to grow and expand my experience.

W O R K H I S T O R Y

Website Developer, Black Mesa

2004 – Present

Was primary person responsible for the acquisition and implementation of Rational Software at DCSS. I worked with IBM and DCSS management to help put the FSR together. I then worked with IBM to put together training classes and worked with IBM on contractual issues. I became the primary ClearQuest administrator and designed three schemas for DCSS. The largest of these was used by the Application Design and Maintenance (ADAM) team for recording all requests, defects and enhancements for over 50 applications for which the group is responsible. I am currently working to migrate DCSS from using Visual SourceSafe to ClearCase, and to integrate ClearCase with ClearQuest.

Lead a project team to upgrade the main IIS webserver used by DCSS for their web based applications. This was a hardware upgrade, but all applications had to be migrated from the old server to the new server. I put together a detailed implementation and test plan. The upgrade went forward without any problems.

Designed, Developed, Tested and Implemented the 2005 and 2006 enhancements to the EDP system. The enhancements made in 2006 included a business objects XI universe reporting package.

Completed the Crystal Reports / Crystal Enterprise 10 upgrades. This included upgrading and testing the code in development, upgrading all 8.5 reports to version 10, enhancing the DCSS report launcher to provide crystal reports 10 functionality, and implementing the upgrade from 8.5 to version 10 in production.

Completed the Business Objects XI upgrade. This included upgrading and testing the code in development, upgrading all version 10 reports to XI, enhancing the DCSS report launcher to provide XI functionality, and implementing the upgrade from 10 to XI in production. Conducted training classes to staff on the new functionality of XI.

Wrote and tested the CS356 interface to CCSAS, the statewide child support system.

Worked on a project to upgrade the DCSS intranet site. I performed analysis of the current website and was able to delete over 28,000 obsolete files. I upgraded the current website to use the same standards that are used on the LCSA secure website. I also implemented several features like include files, to reduce redundant code, and the use of the securefiles document viewer to

protect PDF files. Finally, I totally rewrote the entire DCSS intranet infrastructure to use an in-house created content management system (CMS).

Wrote requirements document and estimated timeframes for the new enhancements to the CS356 system. Additionally, I have performed many upgrades and enhancements to the CS356 claim system over the past year, including writing the OCSE CS396 federal reports.

System Engineer, Eclipse Solutions Inc.

1998 – 2003

Provided system management and development services to Department of Child Support Services (DCSS). Designed, developed and implemented a central node archive database management system using Oracle Rdb for large legacy databases that needed to be retained. Provided support and support documentation for large, distributed VAX site.

Provided Y2K support for DCSS VAX/VMS infrastructure including upgrades of all software and firmware to Y2K compliance. Additionally, the application had several Y2K related programming errors that I corrected, including a rewrite of the financial transaction screens.

Installed Windows NT infrastructure at Mono County for their Family Support Division. Integrated Windows NT workstations with Pathworks file and print services as well as their legacy and new production systems. Upgraded Windows for Workgroups network at Sutter County Family Support Division to a Pathworks domain. Installed Pathworks clients on all PCs. Provided infrastructure systems analysis and consultation for San Luis Obispo and Siskiyou County Family Support Division. Installed Windows NT workstations with connectivity to county Novell server, TCP/IP connectivity to their IBM mainframe, Pathworks file and print sharing, and connectivity to their archive and new production systems.

Performed analysis of legacy DCSS mainframe based child support application and database. Worked with client to decide possible migration alternatives for this application and database from the mainframe. Wrote client side Visual Basic 6.0 application using ActiveX Data Objects (ADO) with a Microsoft Access database as a prototype for this application migration. Wrote up detailed design document with process flow, SQL code, screen form layout, entity relationships, and business rules for remainder of project.

Designed and Developed the CS356 Administrative Expenditure Claim System (AEC). This is a web based system for collection, analysis, and reporting of expenditure data from county offices which makes strong use of client side scripting implemented through Javascript. This application has greatly improved the processing of expenditure claims for both the local child support agencies and DCSS.

Responsible for the implementation and configuration of Crystal Reports, Crystal Enterprises, and Crystal Server Pages (CSP) at DCSS. Wrote first web based crystal reports for DCSS and wrote standards for crystal report development. Wrote successful internal FSR for the acquisition of Crystal Enterprise Professional. Attended Crystal Enterprise 10 training.

Designed and Developed ADAM Account Management System. This is a web based application using ASP and SQL server 7.0 which assists DCSS personnel in the administration of over 4,500 login accounts.

Wrote the CS34X/CS35X web based reporting system. This was a rushed project that was developed under very tight timeframes.

Wrote 2003 and 2004 versions of the EDP system.

Wrote initial designs and FSR for Compromise of Arrears (COAP) program. Worked with customer to define business process. Wrote a 100+ page requirements document and worked with management to receive signoff. Wrote detailed design and database schema. Wrote several prototypes, several models and most of production code for COAP application. Worked with users to provide testing, training, and demonstrations of system.

Responsible for the maintenance and administration of the DCSS LCSA secure website. This includes several web-based applications in addition to the maintenance of the web site infrastructure. Performed research and evaluation to determine possible new security procedures. Work with vendors for the development and implementation of other web-based applications and integrate those applications into the website. Work with DCSS and vendor staff to assist with the maintenance and administration of other DCSS web sites, such as DCSS intranet and internet sites.

Senior System Engineer, Lockheed-Martin IMS

1995- 1997

Technical Lead on SACSS (State Automated Child Support System) managing an 8 person technical staff. Responsible for system management of 57 counties microvax systems as well as development, training, and operations support.

Setup and automated process for installing application on county microvaxes through RSM. Built an identifier driven user menu intended both for use by users as well as operational staff. Helped establish security policy and setup security software. Helped in the establishment of a Technical Change Board to coordinate all development and wrote the Software Development Life Cycle for the company. Developed training course and training environment for local county system administrators.

Designed and implemented an automated database storage system for configuring of county databases. Helped establish a system for software version control as well as establishing a common CMS library. Designed and implemented a process for automating the nightly batch processes run by the operations staff. This process very dramatically reduced the number of operational errors, allowed for more efficient scheduling of batch jobs, and allowed nightly batch to complete sooner. Traveled extensively to county customer sites for troubleshooting, requirements gathering, and installation of the application.

Systems Programmer, AmeriGas

1993- 1995

Responsible for hardware and software management of an 8 node vax cluster, a 2 node Alpha cluster, and 570 model 3100 microvaxes on a dial-up network. Responsible for software upgrades, including a clusterwide upgrade to VMS 6.1. Involved with hardware/software evaluation/purchasing process. Responsible for maintenance of existing system level code and developing new code using primarily "C" and DCL. Installed Alpha cluster and performed conversion of FAST system from VAX to the new Alpha cluster. Performed evaluation of conversion of STARS system to Alpha. Performed evaluation of and installed PerfectCache disk cacheing software on all 570 remote microvaxes which improved performance by over 45%. Setup new development environment and migrated all developers off production microvaxes. Instrumental in setting up disaster recover strategy for the 570 remote microvaxes that reduced average downtime on full system failure to 24 hours. Helped establish security policy and setup security software. Supported a 7 day by 24 hour operation staff.

Programmer/Analyst, AmeriGas

1991- 1993

Programmer on FAST (Fuel Accounting Supply and Transportation) project. Responsible for all code, design changes, data base administration (RMS) and user support. Wrote code in the "C" programming language, as well as Powerhouse, a forth generation language. A key programmer for this project, it was necessary for me to travel extensively to Houston, Texas, Milford, Ohio,

and Valley Forge, Pennsylvania. This system used a Out of Kilter algorithm engine that I wrote in "C" to determine fuel purchases for all company owned districts through the country. I also had access to confidential acquisition data needed to determine conversion design for the acquired company.

Quality Assurance Analyst, AmeriGas

1990- 1991

Performed Testing, Technical Writing and Support for STARS (Sales Transaction and Revenue System). Wrote code in "C", COBOL and DCL to automate the testing and support functions. Set up test environment using DTM and built in Powerhouse testing functionality. Provided first line of customer support for 600+ remote districts via dialup connections.

E D U C A T I O N

Montgomery County Community College, Blue Bell PA

Associate degree in Computer Science 1988

Associate degree in Mathematics 1989

Villanova University, Villanova PA

National University, Sacramento CA

Bachelor of Science 1991

California State University, Sacramento CA