

Objective: Quality Assurance testing of software

System Software

Windows 3.1 through 7
Minicomputers and mainframe (HP3000, Unix-based, IBM 370)
Various utilities and file management software

Applications Development Software

Cort Directions (formerly Infinium AdvanTage) Report Writer and Comp Defs (user-defined calculations)
SQL
COBOL, Advantage VISION:Builder (formerly Mark IV), FORTRAN, C, BASIC, PL/I, Assembler, RPG II
IBM TSO/ISPF CLIST

Application Software

Critical Logic's DTT software modeling tool
Deltex Costpoint and Time Collection
Cort Directions (Infinium AdvanTage) Payroll and HRIS
GEAC Payroll / Personnel [formerly DBS (Dunn and Bradstreet Software), formerly MSA]
PREMIS, EZPERT, MONITOR
Various in-house systems for payroll, HR, Labor Distribution, Management Information, and Project Control

Annual Salary Requirement: (negotiable)

Education

1969 – 1972 Cornell University, Ithaca, NY, Nuclear Engineering
1973 – 1976 Rockland Community College, Suffern, NY, Computer Science
1981 – 1994 New Jersey Institute of Technology, Newark, NJ, Computer Science (113 semester hours completed)
2003 – 2005 Eastern Washington University, Cheney WA, BA in Secondary Education (Math)

Honors:

EWU Dean's List Spring 2003, Fall 2003, and Summer 2004
EWU Benjamin T. Sims Scholarship Fall 2004
NJIT Dean's List Spring 1986 and Fall 1987

Current Position

05/27/08 – present

Critical Logic, Inc.
505 Sansome St. Suite 1925
San Francisco, CA 94111

Phone (415) 814-9515
Supervisor: Payal Agarwal, Sr. Project Mgr.
(501) 364-7749

Position: Logic Analyst

Performing end-to-end QA testing as a consultant to Oracle, Inc., in their Configuration Engineering section. This includes reviewing program/model specifications, identifying and resolving ambiguities, using a proprietary graphing tool of Critical Logic's to model the specifications, which in turn generates XML files that are processed by a proprietary simulation tool of Oracle's. These files and Oracle's tool allows the QA personnel to automate tens of thousands of test cases against the software during the development stage, thus identifying for correction any bugs or other issues before the software is moved into production. All parts of the software are also tested manually during development and again after being moved into the production environment. A number of subsidiary tests are also required for each release of the software. All appropriate reports and documents are filed and computer files for each release are archived.

Previous Work Experience

1973 – 2008	Burns and Roe Enterprises, Inc. 800 Kinderkamack Rd Oradell, NJ 07649	Phone (201) 265-2000 Supervisor: Russell F. Smith, CFO (201) 986-4636
Oct. 2002 – Dec. 2008	IT Consultant supporting HR and Payroll applications	
April 1998 – Sep. 2002	Manager of Business Applications Development	
Dec. 1990 – April 1998	Systems Supervisor	
Oct. 1987 – Dec. 1990	Senior Systems Specialist	
July 1983 – Oct. 1987	Senior Systems Designer	

Supervised between one and seven employees and consultants at various times.

Lead programmer/analyst in support of the HR, Payroll, and Labor Distribution systems. These systems included in-house and vendor-delivered mainframe programs (COBOL, FORTRAN, MARK IV), vendor-delivered minicomputer systems (COBOL and HP3000 TurboIMAGE database), and vendor-delivered PC-based systems (Visual Basic and Btrieve and SQL).

Responsible for overseeing the smooth transition during all the above conversions, including redefining user requirements to match the new system, maintaining the interfaces to outside vendors [401(k) savings plan administration, benefits administration, unemployment administration, etc.], and developing functionalities in the new systems that were not delivered by the vendors.

Reviewed all vendor-delivered updates and evaluated impact on current system and business practices. Tested updates and installed in production with accompanying changes required to in-house systems, if any.

Reviewed all requests by users for system enhancements; evaluated feasibility and applicability. Prepared necessary functional and programming specifications, including testing required.

Investigated all reported programming deficiencies; evaluated impact on accuracy of corporate data; developed and implemented corrective plan.

Prepared documentation for users and system documentation for the production run staff. Trained users in use of new systems. Trained them in methods of standardizing their data entry to facilitate reporting, searching, and spreadsheet analyses. Showed users how to define their own data fields and their own reports, including their own special calculations. Developed methods for users to supplement the standard system data with extra data needed for producing special reports or a special payroll run. Helped users coordinate conflicting data needs so as to satisfy as many as possible.

Jan. 1973 – July 1983 Planning Engineer

Various duties related to the production and maintenance of CPM schedules and budgets for the engineering and design phases of nuclear power plants, using various software packages, including the development of new reports, installing the software on new projects, and training coworkers in its use. Modified the system to make it operable on a different operating system, developed summarized cost and schedule reports suitable for upper management, and developed interactive procedures that were needed to simplify the process of submitting numerous production runs for a large number of projects. This reduced both the time required to submit the jobs, and the number of errors.

Reason for Leaving: Part of a reduction in force affecting approximately one third of the staff; placed in on-call consultant status.

Other Work Experience:

- 03/01/07 – 05/23/08 ESD 101 – The NET
 10814 E Broadway Ave
 Spokane Valley WA 99206 (509) 893-8938
 Teacher, NET Program
 Responsibilities include managing a class consisting mostly of juniors in drop-out prevention / high school reentry programs.
 Reason for leaving: Completion of assignment
- 08/15/05 – 02/28/07 East Valley School District
 12325 E Grace Ave.
 Spokane Valley WA 99216 (509) 924-1830
 Substitute Teacher
 Reason for Leaving: accepted full-time teaching position with ESD 101
- 09/12/05 – 02/28/07 Gonzaga Preparatory School
 1224 E Euclid
 Spokane WA 99207 (509) 483-8511
 Substitute Teacher
 Reason for Leaving: accepted full-time teaching position with ESD 101
- 01/18/06 – 02/28/07 Spokane Public Schools
 200 N Bernard St.
 Spokane WA 99201 (509) 354-5900
 Substitute Teacher
 Reason for Leaving: accepted full-time teaching position with ESD 101
- 04/17/06 – 02/28/07 Freeman School District
 15001 S Jackson Rd
 Rockford WA 99030 (509) 291-3636
 Substitute Teacher
 Reason for Leaving: accepted full-time teaching position with ESD 101
- 07/ 20/06 – 11/06/06 Gonzaga University School of Education
 Rosauer Center
 714 E Boone Ave
 Spokane, WA 99258
 Data Assessment Clerk
 Supervisor: Mary Faridnia
 Director of School of Education Data and Assessment
 (509) 323-5912
 Gonzaga University's School of Education prepared for a focus visit by NCATE in its accreditation process. To support this visit, I assisted them in preparing numerous tables and graphs to present various statistics related to its undergraduate and graduate programs over the last three years. These included analyses of student data (test results, both entering and exiting the program), credit load analyses, faculty make-up and credit generation, results of student surveys and course evaluations, etc.
 Reason for Leaving: Completion of Assignment (part-time temporary position)
- 09/01/03 – 04/15/04 EWU Math Dept. Facilitator for Supplemental Instruction in Intermediate Algebra