

Garry Fruth

2729 W. 230th St

Torrance, CA 90505

Office: 310-938-5019

SUMMARY OF WORK EXPERIENCE

- Project management and strategic planning.
- Software configuration management, release management
- Performance measurement, tuning, and capacity planning.
- Oncall time-critical problem solving.
- Large disk farm design and management.
- Programming in Basic, VBA, C, Cobol, Sql, VBScript, Javascript....
- VMS cluster system management.
- VMS systems internals and programming.
- Hardware and software product evaluation.
- Cross-platform business-to-business data communication.
- Transaction processing management and tuning.
- Client-server application design and development.

WORK EXPERIENCE

2009- Present **CDI Corporation, IBM Corporation**

HealthNet; Woodland Hills, CA

Perform system management duties on modern OpenVMS integrity servers; including operating system and layered product upgrades, patching, performance tuning, system management automation, disk space management, securing system resources, and certificate management. Primary resource for coordination of hardware repairs and firmware upgrades. Primary resource on projects involving new hardware. Consulted by architects for design, project managers for scheduling, technical release managers for application release activities, and application production support for the most technically difficult troubleshooting.

1/91- PRESENT

G. Fruth Consulting (multiple clients over many years)

Ironworkers Employee Benefit Corporation, Pasadena, CA

Perform system management duties on a virtualized VAX. Performed application maintenance (Cobol and Basic). Added postscript letters generated on the VAX; which significantly modernized the functionality of this ancient application (circa 1995). Performed disaster recovery planning.

HealthNet; Woodland Hills, CA

Designed, developed, and maintained application development and quality assurance infrastructure, primarily on the OpenVMS platform, yet integrating multiple operating systems and platforms. Involved in defining policies and procedures for use and operation of these test environments. Performed release management duties, which involves development of detail plan, integrating several project implementation plans across multiple platforms. Release management also involved working with application users during user acceptance testing and implementation; explaining defect causes, solutions, and implications; explaining implementation plan timeline, backout plan, cross-platform interactions, risks, and risk mitigation strategies.

Verizon Wireless, Irvine, CA

Performed system management duties on several OpenVMS clusters; including OS upgrades, patching, performance tuning, system management automation, disk space management, coordination of hardware repair, firmware upgrades, application upgrades....

DirecTV; El Segundo, CA

Developed intranet web site using a variety of technologies, including Microsoft Team Services®, ASP, VBScript, IIS, HTML. Developed application availability reporting software, application performance monitoring software, project tracking system.

Pacificare; Cypress, CA

Performance modeling and analysis of batch processing to support 100% increase in volume. Web page development, system to improvements of many applications included I/O system tuning (including disk striping and shadowing), RMS file tuning and use of deferred write, 'task scheduler' prioritization, code redesign, and implementation of Polycenter Scheduler. Implementation and post-implementation duties included systems support, production support, resource management, project management, and capacity and performance monitoring. Acted as liaison between systems programming, computer operations, and applications development with regard to the capitation system. Acted as lead on backup optimization project.

HealthNet; Woodland Hills, CA

Assisted the applications department with the new inhouse-written capitation system. Pre-implementation duties included design and execution of a performance stress test, interpreting results, proposing and implementing methods to improve performance, and capacity planning. Performance improvements included I/O system tuning (including disk striping and shadowing), RMS file tuning and use of deferred write, 'task scheduler' prioritization, code redesign, and implementation of Polycenter Scheduler. Implementation and post-implementation duties included systems support, production support, resource management, project management, and capacity and performance monitoring. Acted as liaison between systems programming, computer operations, and applications development with regard to the capitation system.

American Benefit Plan Administrators; El Monte, CA

Configured Apache Web-server. Developed secure CGI to display member eligibility, work history, and other data to members. Designed and developed procedures to distribute reports to third-party providers through the web. Systems management and cluster configuration.

Information Concepts Inc.

Billing system design and development. Client-server application development in Forté. Software distribution design and development.

Network Telephone Services; Woodland Hills, CA

Designed and developed client-server application to monitor real-time processes over decnet. Configured DEC WANServer 500 (X.25). Production 'infra-structure' and software implementation methodology. Implemented client-server redundancy minimizing downtime.

Xerox Computer Services; Culver City, CA

Primarily acted as OpenVMS expert in a multi-platform software development environment. Designed and developed software distribution system using vmsinstal utilities and dcl for their Chess product. Performed system management and capacity planning duties.

AirTouch Cellular; Irvine, CA

As a consultant for a cellular phone service, I worked with the Technical Planning group in performing system management duties including day to day problem solving, VMS tuning, capacity planning, hardware and software installation and evaluation, DBMS tuning, RMS file tuning, I/O sub-system balancing of disk farm consisting of over 400 disks and 15 HSC70's,

installed and deployed disk striping. Special projects: Enhanced serial data communications between VAX and cellular switch. Installed many VAX products including VMS 5.4-2, RDB, DECForms, DBMS, DSNLink, Target Hotline, and Pacerlink. Team member of several task forces. Assisted in datacenter relocation. Automated SPM reports. Planned CPU/cluster reconfiguration. Evaluated use of RAID, solid state, and optical disk technologies. Automated chargeback accounting reports. Developed QA environment tools. Enhanced software configuration control procedures. Reverse-engineered DBMS after-image journal file and used it to maintain a parallel RMS database.

1980 - 1990

MAXICARE HEALTH PLANS, INC.

5/88 - 12/90

Manager, Systems Software

Manager of the systems software group, responsible for the efficient operation 35 VAX computers performing a variety of tasks including database management, system development, financial applications, and office automation. Responsibilities included: system management of all VMS computers, hardware configuration and utilization, disk utilization, data integrity, system security, operating system environment, software evaluation, tool development, first line of defense for any problems that occur during off hours in a 24 hour shop, systems software group policy and procedures. Planned disk and CPU utilization of new computer systems at new computing facility. Planned and supervised the move of computers to new facility. Developed tools to aid in the management of a rapidly expanding computer base, developed several automated monitoring systems to prevent problems associated with rapid growth. Trained new staff systems programmers, helped develop description of systems management duties. Updated data integrity and restoration policies and procedures.

EDUCATION:

B.S. degree, Mathematics, UCLA

A.A. degree, Liberal Arts, Santa Monica Community College

LANGUAGES and SOFTWARE

VMS, Cobol, C, Sql, Apache Web Server, Forté, Pascal, Datatrieve, CDD, ACMS, DBMS, RDB, DSNLink, Tapesys, Files-11, VBScript web pages, & Windows.

References available upon request.