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J O N F I O R A V A N T I

OBJECTIVE

To secure a position within an Information Technology (IT) Organization, that will leverage my IT Capacity Planning / System Management skills and experience.

SUMMARY OF JOB POSITIONS AND ACCOMPLISHMENTS (MOST RECENT)

1. Current - IT Contractor – Doylestown, PA Municipality

Service, Support, Administration for Windows Server 2003 and Client Workstations. Duties include: Server Installation, Active Directory, User Permissions, Network services, Server/Client Security, Server Backup/Recovery, Client Operating Systems: Installation, Administration, and Updates, Wireless Access, and Application software support.

2. June 2005 – July 2006 Augmentity Systems- Sun Microsystems Partner, Client IRS

IT Capacity Planning Review and Enhancements. Recommendations Regarding Server Consolidation and replacements. Analyze , evaluate Server metrics and related business applications. CapacityPlanning software - Metron-Athene

3. December 2004 – March 2005 Merck WestPoint, PA IT Capacity Planning Contractor

Perform 'What-If' scenarios for the CyberLab Document Management system to identify Server resource constraints prior to scale up in services. Capacity Planning software– BMC Perform/Predict, and TeamQuest Model.

Issued and presented to Senior RIS Management the results of the study. This was both a formal summary presentation , and a Q&A to address the concerns of Management..

**4. June 2004 – November 2004 Freddie Mac Reston, VA
IT Capacity Planning Contractor**

Develop Capacity Plan for: UNIX, NT, Solaris, and AIX Business Servers. This included: Performance Metrics Collection, 'What- If' scenarios, and reporting. Extensive usage of the BMC Patrol for Unix software that includes: Investigate, Analyze, Predict, Automate, Collect, and the Visualizer.

**5. February 2004 – June 2004 Erudite Internet Systems
Princeton, NJ IT Contractor – Excel Graphics Design**

Develop Graphs/Charts for Client to be used in the Marketing and Financial business prospects for the company. The Graphs/Charts are designed using Excel and Visual Basic. They are similar to the IT Capacity Planning that illustrate historical growth, and linear forecasting analysis.

**6. January 2002 –December 2003 Cendant Mortgage
Mount Laurel, NJ IT Contractor – Capacity
Planning/Performance Management**

Conducted a feasibility study/recommendation to help initiate a Capacity Planning Services within the IT organization. This effort included: identification/inventory of the primary UNIX Servers that support the major Business Applications; conducted interviews with IT management to determine the needs and goals; reviewed vendor software as input to final recommendation/report; issued final report with software cost specifics, mock charts/graphs depicting 'What-If' scenario results as input for management decision making. In addition the Capacity Planning methodology tasks included: business application workload definitions, gather business area growth estimates, perform analytical model of growth workload, issue server hardware change recommendations, issue formal Capacity Planning Report and conduct a Senior management presentation.

The BEST/1 Perform/Predict, and the Visualizer was used to Prepare 'prototype' reports/charts to illustrate to Cendant IT Management what to anticipate from the software. The examples included: 80/20 Application analysis, 'What-If' scenarios, and Server resource threshold exception reporting.

7. 2000 – 2002. ConecTiv Newark, DE IT Contractor – Capacity Planning/Systems Management

Designed and implemented a Capacity Planning/Systems Management Process and Methodology within the IT organization. This included; software, hardware, and Process implementation in support of Distributed Servers and Application systems.

The BEST/1 Perform/Predict, and the Visualizer were demonstrated to the ConecTiv IT Operations, and Application development areas.

Designed, built and maintained a historical Performance Data Warehouse using SAS/ITRM (PDB's). Added assignments included; Performance Analysis, Quality Assurance, Statistical Forecasting, Analytical Modeling, and Performance Data Warehouse implementation and support for the 200+ NT Business Servers.

Procured, installed, and implemented SAS/ITRM. This included; server metrics collection, automated processing procedures, management report development/generation, exception reporting, WEB Report Output development/deployment. UNIX Disk Space Management and Reporting, UNIX Application Accounting and reporting. Additional software experience included: Report generation using Concord NetHealth, and performance metrics summaries generated using Load Runner from Mercury Interactive.

8. 1990 – 1999 Merck Director Capacity Planning Services: Mainframe and Distributed Systems

Directed the design, development, and implementation and on-going services for the Merck IT Organization. This included; Computer Servers (2000+) and Network components.

The Server inventory included: IBM MVS Mainframe OS/390, VAX, AS/400, UNIX, and NT. Provided Capacity Planning service to the IT Operations VP, and the Business Divisions.

This included; processing of all Mainframe MVS Images using SMF/RMF metrics as input to the MICS (SAS Based) Capacity Planning database. The MVS Mainframe Capacity Planning 'business end' deliverables included: upgrade recommendations, performance monitoring, 80/20 Analysis, Demand Drive Identification, business application historical resource tracking, graphical reporting, and quarterly presentations to the Merck CIO and Divisional Senior Management Staff.

The business end of the services was the collection, summarization, and management reporting of the server operating system and business application 'metrics'. Using SAS/ITRM and, BMC BEST/1 Perform

Predict UNIX, 'What-If' scenarios were completed to ensure that IT resources were available to meet the business application growth demands. The BMC Visualizer and, SAS/ITRM PDB's were the primary software and databases used for the development of the WEB based Charts/Graphs.

Developed a WEB site as a central content point for the presentation of; Server processor utilization, business application workload profiles with detailed 'drill-down', and historical mapping of the server hardware growth relative to the business usage. This approach provided a means to include the server population growth within our methodology, without a corresponding increase in staff resources. The WEB content was primarily reports generated from the historical BMC and, SAS/ITRM performance databases (PDB's) The reports/charts were costumed designed for our technical, and Non-technical clients.

Provided a Capacity Planning 'Risk Analysis' model to the Business Application Development Project management. This was accomplished using a quantized model at the early stage of the application development life cycle. The results were input to the annual IT planning for resources that were necessary to support the Business Application SLA's.

In addition, the MVS Mainframe Capacity Planning database was the primary input source to the IT ChargeBack system. The ChargeBack system identified all IT resources used by the company's divisional business applications, and was used to justify the IT Resource upgrade expenditures.

9. 1988-1990 Merck Director Office Automation

Responsible for the development, selection, and Implementation of an Office Automation system. This effort include; software evaluations of the then vendor products, design and development of a custom PC workstation front end to the AS/400 Office Vision System.

10. 1984-1988 Merck Director West Point Computer Center

Directed the construction, procurement, implementation, and on-going support of the Merck West Point Mainframe Data Center.

This effort included; MVS Mainframe implementation, Data Center building planning/construction, hardware/software procurement, staff recruitment, development of automated process/procedures, Disaster Recovery planning, Equipment leasing, Vendor contract negotiations,

Systems Programming, End-User support, financial tracking, performance management, and capacity planning.

11. 1979 – 1984 Merck Director End-User Support

Responsibilities included; implementation of an 'End-User' Center, technical training, implementation and development of the 'in-house' time sharing services.

Developed, implemented and supported a resource 'Chargeback' accounting recovery system.

12. 1970-1979 Merck Manager/ Director Software Development

Architect and implemented MVS Operating Systems, subsystems, network components and related software. The MVS environment included multiple mainframe complexes, and system images. Examples included; MVS/SP, MVS/TSO (Time Sharing), CICS Transaction Monitors, Security Access Control, and Network Systems.

PROFESSIONAL SUMMARY

1970 - 2000 Merck Director - 25+ Years MVS Mainframe Experience, 12+ years Distributed Systems Experience, 30 Years Capacity Planning and Performance Measurement Experience

2000 - Current IT Capacity Planning Contractor

PROFESSIONAL MEMBERSHIPS

Computer Measurement Group (CMG), CMG Philadelphia.

EDUCATION

1963 - 1967 St. Joseph's University, Philadelphia, PA
BS Economics

1967 – 1973 Drexel University, Philadelphia, PA *MBA*

RELATED SOFTWARE AND OPERATING SYSTEM EXPERIENCES

- 1.** IBM MVS Mainframe Experience
from 1970 to 2000.
- 2.** Capacity Planning using MVS Performance Metrics:
SMF/RMF as input to the MICS software for:
Performance Monitoring, Historical Trending,
and Regression Analysis.
- 3.** IBM AIX Servers – Capacity Planning
- 4.** TeamQuest Capacity Planning Software – Model, View
- 5.** SAS Institute Products: SAS / ITRM for Capacity Planning
using SAS/GRAPH SAS/Basic and NT/SMF Performance
Data Collectors
- 6.** BMC Products: Perform/Predict for: MVS,
UNIX, Solaris, Windows NT, AIX Servers:
Hands On: Investigate, Manager, Collect, Automate,
Analyze, Predict, Populate, Visualizer, Perceive
- 7.** Solaris UNIX Script Commands., Editor, Log data
- 8.** Microsoft Professional Office Suite:
Excel (Advanced Graphics and Pivot Table/Charts
Access (Custom Capacity Planning Database),
Windows – PerfMon
- 9.** VBA – Excel, Access
- 10.** Windows Server 2003 Active Directory, Server Management,
SharePoint Service