

MARTHA SUMMA-CHADWICK
Information Technology Visionary

QUALIFICATIONS:

Possess over twenty years of application design and development, systems support, and database administration experience in mainframe, UNIX, and microcomputer environments. Highly technical and effective in the areas of systems analysis, design, and programming; contracted in both onsite and telecommuting settings.

HARDWARE: UNIX Sun and HP, IBM 30XX and OS/390, personal/desktop computers, Telxon bar-coding devices.

SOFTWARE: Active Server Pages, PHP, HTML, Flash, FrontPage, OS/390 WebServer, Perl Oracle, DB2, MySQL, Microsoft SQL Server 6.5, VSAM, IMS DB/DL1 PowerBuilder, Microsoft Office Products, Microfocus COBOL UNIX, Windows 3.x, 95, 98 and NT, DOS, OS/MVS, TSO/ISPF, VM/CMS CICS, COBOL, DFHSM, Easytrieve Plus, JCL, IBM Utilities, SAS

EXPERIENCE:

MUSIC THERAPY GATEWAY IN COMMUNICATIONS, Chattanooga, TN 2004-present
Project coordinator working to automate neuro music techniques to create software used by special needs children. Coordinated multi-state effort in creating specifications overseen by research team from UTC, University of Kansas, and Colorado State University. Designed and provided specifications to graduate student team and interfaced with professors in overseeing development, testing, and implementation. Coordinated project disclosure to University of Tennessee Research Foundation and published project findings in the Journal of Computing Sciences in Colleges.

VARIOUS COMPANIES, Chattanooga, TN 1997-2004
Webmaster working independently for corporate sites such as the Tennessee Valley Authority and Educational department sites at the University of Tennessee at Chattanooga. Created and maintained both static and interactive web sites with database interaction, as well as applications accessed via the web. Maintained the site for the American Association for Multi-Sensory Environments as well as personal sites.

TENNESSEE VALLEY AUTHORITY, Chattanooga, TN 1992-2001
Data Base Administrator supporting Oracle 7.x and 8.x databases. Responsible for database design, backup and recovery, data migration on Sun, HP, mainframe, and NT platforms. Responsible for implementing new vendor products and interfacing with vendor representatives. Designed and developed Intranet web applications for maintenance of Oracle ID's and passwords, auditing, logs, and reporting. Also designed and developed Database Administration Intranet home page, containing secure documentation area, Oracle monitors, TVA wide application information, development tools, and personnel information.

Programmer Analyst supporting all ADP functions related to telecommunications systems in TVA. Systems designed, built, and implemented include reporting, automatic payment, FTS2000 billing, Cellular One billing, AT&T billing, leased pagers, TVA internal pagers, and telephone charge back. Developed database design, system design, and code for MEMOIRS, a distributed system utilizing PowerBuilder/Oracle for Information Services Memo Billing.

Consultant in Technical Systems supporting and developing applications for Bar-coding Systems and Telecommunications. Responsible for development of bar-coding inventory system for materials management, as well as development of telecommunications circuit inventory and FTS2000 automatic reporting systems.

WESTINGHOUSE COMMUNICATIONS SOFTWARE, Stamford, CT

1990-1992

Project Manager for Communications Management System II (CMS II), a telephone/data management system comprised of approximately 160 on-line screens, 1200 programs, 200 files, and an I/O subsystem. Responsible for analysis, design, and implementation of the software, as well as being primary technical contact point for both internal and external customers. Also interacted directly with customers to determine business needs and projections for the product.

Served as technical liaison with Systems staff in the areas of CICS and DASD management. Responsible for installing all new applications into CICS regions as well as intensive testing of same regions for upgrades of CICS to versions 2.1 and 3.1.

Recipient of the annual George B. Westinghouse 1991 Corporate Award of Excellence for work involving conversion of CMS II software from VS COBOL to COBOL II. Coordinated the installation of COBOL II compiler with Westinghouse Telecommunications Center technical staff, and personally converted all programs to COBOL II during off hours. Developed and executed a detailed test plan to verify the validity of all changes, and delivered and tested the product off-site to a Beta customer.

GENERAL ELECTRIC CAPITAL, Stamford, CT

1989-1990

Senior Systems Analyst worked for home recreation financing system. Designed, analyzed, coded, tested, and implemented Automatic Inspection Code Reporting System.

AETNA LIFE & CASUALTY, Windsor, CT

1984-1989

Systems Specialist (Commercial Insurance Division) - Functioned as Project Leader and participated in the development of specifications, programming, testing, and implementation of new system features and modifications to the on-line and batch processing facilities of the Bond Processing System.

Interacted extensively with home office underwriters and field offices in the definition of information requirements and resolution of questions. Served as the technical focal point for the area. Participated in and coordinated resource planning and system software upgrades. Provided effective training to team members. Introduced new tools and methods to the department, enhancing the development process.

AWARDS:

Recipient of the annual 1998 Women of Distinction Award presented by the TVA Board of Directors to recognize the contributions of outstanding women in the TVA workforce. The award was presented to honor and recognize outstanding involvement with musical arts in the community.

Recipient of the annual George B. Westinghouse 1991 Corporate Award of Excellence.

Consistently recognized for outstanding performance, contributions to company objectives and technical knowledge.

EDUCATION:

Doctor of Musical Arts, Piano performance, University of Kansas, Lawrence, KS, 2008.

Master of Music, Piano performance, University of Tennessee at Chattanooga, Chattanooga, TN, 1996

Bachelor of Music, Piano performance, Hartt School of Music, University of Hartford, West Hartford, CT, 1983