

Patti Thompson

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Expertise

Over 20 years experience in MIS application design and implementation, relational databases, and client/server technology. Enjoy working with end-users and fellow developers to create reliable solutions that exceed user expectations.

Work experience

1998 - Present

The MITRE Corporation **CONFIDENTIAL**
Bedford, MA
Applications Software Development Engineer, Lead

PeopleSoft Technical Lead supporting HR, Payroll, Compensation and Benefits. Consultant to HRIS/Payroll/Comp&Benefits departments for technical design and assistance on all aspects of PeopleSoft upgrades, SQL scripts, Datamover scripts, peoplecode, conversion, panels, release management, SQR, and process scheduler work. The PeopleSoft implementation is on **Oracle V7 Sun-Solaris** server with **NT** client /server. Work involves salary planning, pension non-discrimination testing, leave accrual redesign and implementation as well as all aspects of PS bug fixes and PS upgrades and enhancements. **Y2K** changes to custom software including external interfaces. A major contributor to the PeopleSoft projects including the upgrade from PS HRMS/Payroll V6 to V7.01 and the conversion from **Sequent Unix** server to **Sun Solaris** server. Managed the upgrade to PS HRMS/Payroll V7.02 which includes **SQR V4.3.2** as well as COBRA/Benefits Billing Implementation and salary planning enhancements. Did most of the technical work for this upgrade with 1 other software engineer.

Co-managing the upgrade to PS HRMS/Payroll V7.51. This is a major PS upgrade that involves re-customization. This upgrade will take 3+ months 6 full time people, 3 part time people and 2 contractors. This version of PS is 3 tier using Tuxedo for it's application server. As with the other upgrade, I will be doing much of the technical work myself, assigning the technical work to be done, checking the technical work, coordinating the changes to our release management team and coordinating the testing and release with our users.

1997 - 1998

Vicor Corporation
Andover, MA
Lead Programmer Analyst

PeopleSoft Technical Leader supporting HR, Payroll Interface, and Time & Labor. Consultant to Information Systems & Technology staff for technical design and assistance on all aspects of PeopleSoft upgrades, SQL scripts, Datamover scripts, peoplecode, conversion, panels, release management, SQR, and process scheduler work. The PeopleSoft implementation is on **Oracle V7 HP-UX** server with **NT Pentium client server**. Developed Direct Deposit application to PeopleSoft to correct on-going PeopleSoft ADP Payroll Interface bug. Work involved utilizing web-based PS/Forum to find, analyze and implement PS patches and updates.

1986 - 1997

Digital Equipment Corporation
Maynard, MA
Information Systems Consultant 1

Design and implementation of Digital's US corporate human resources system based use the **Peoplesoft** HR application suite using the **Windows NT** using **MS SQL/Server** and **Oracle 7**. Through rapid prototyping sessions, design and customize the user interface, database definitions, and applications logic. System is developed using **Peoplesoft tools** (panel designer, data designer, peoplecode 4GL), **ISQL/W**, and **SQR**. Working in a cross-functional relationship with corporate development to help define release management, project naming conventions, database design standards, strategies for support. Act as backup DBA for the project.

Designed, coded, and deployed client/server applications written in **C** with **Motif GUI** for Digital's new personnel data access project. The clients were designed to access the remote relational database with security at the table level. Client/Server transport used the latest reliable transaction routing technology (**RTR**) to access the **Oracle/Rdb** database on the server. Data retrieval was specified in standard **SQL**.

Act as the senior technical resource for the department. Spend at least 50% of time consulting with other department programmers on their projects. Track changes in layered products/processors and identify those which affected our software systems.

Maintain Digital's US pension system (PEMS), including many major enhancements such as the work necessary to implement changes in the Federal pension laws that required 20% tax to be withheld from lump sum payments. These changes to this large (+360K lines) systems often involved understanding and modifying all major components, including **COBOL** modules, **relational database design** (Oracle/ Rdb), **client/server code** (TDMS), **forms** (FMS) and **TP monitor** support (ACMS) and **4GL** data access routines (DTR). Sole resource to outsource this system after maintaining it for 7 years.

Transitioned TESS personnel management software to Corporate Personnel Information Systems group. Design, plan, write, test, kit all TESS releases including J.E.C. release and VTX Jobs Book releases. Wrote and delivered major enhancements to European version of TESS (TEASE).

Participate as technical resource to software services--demoing and selling the DECjobmatch product, including installing the product at a large customer site in AZ. In preparation of this installation, demoed the product to the customer and helped write the Digital proposal. After delivering the product, trained the customer on-site in the use, support, and further enhancements to the system.

1984 - 1986

Digital Equipment Corporation

Maynard, MA

Principal Software Engineer

Responsible for the **software engineering** of the DECjobmatch product and the TESS system. Participated in marketing of the product including setting up demos, actual trade show demonstrations, **pre-sales support** calls and customer visits.

Worked with other software organizations to coordinate product enhancements. Supervision of 3 software engineers including release of code. This system is written in COBOL using FMS, CMS, CDD, and has an interface into VTX.

1983 - 1984

Wang Laboratories

Lowell, MA

Principal Information Systems Analyst

Responsible for all corporate Human Resource Systems. Supervisory duties includes managing 7 programmer/analysts as well as merit reviews, hiring, disciplinary actions. Act as technical resource for the Human Resource Systems Group. The systems supported includes Applicant Tracking, Requisition Tracking, EEO/GOALS, John Hancock Audit, and Benefits Statement.

1981 - 1982

Wang Laboratories

Lowell, MA

Senior Programmer/Analyst

Responsible for Invoicing and Accounts Receivable Systems. Supervision of 4 programmer/ analysts. Responsible for all support, enhancements and development on both the IBM and VS systems. Also supported the WINS (online invoice inquiry system) that ran using CICS.

1979 - 1981

S and L Computer Trust

Des Moines, IA

Lead Programmer Analyst / Group Manager

Supervised a group of programmer who maintained a large financial teleprocessing system with over 2100 terminals. This system provided complete financial service to Savings and Loans throughout the midwest. This included programming and training programmers in the COBOL, BPL, and DATABUS programming languages. These programs run on Burroughs B4800 and Datapoint 5500/6600 computers.

1977 - 1979

Burroughs Corporation

Des Moines, IA

Territory Manager of Business Management Systems

Responsible for the sales and installation of standard business software for wholesale and retail stores. These software systems, which run on Burroughs B80/B800 computers, provide services such as general ledger, payroll, inventory, accounts payable and account receivable to medium-sized businesses. The sales territory included over half the state of Iowa. The job also required the design and programming of custom software to supplement the standard systems.

1973 - 1977

Iowa Department of Transportation

Ames, IA

Programmer/Analyst

The first three years of work involved programming in the COBOL and PL/1 languages for both scientific and accounting systems running on an IBM/370 with VS2/TSO. In addition to programming, the final year was spent as a programmer/analyst making changes to the accounting system and designing a computer system which maintained a database on all rail crossings in the state.

Education

1969 - 1973

Iowa State University

Ames, IA

BS Computer Science

Languages / Databases

COBOL, C, SQL, Peoplecode (4GL), SQR, ISQL/W, TOOL (Forte 4GL), FORTRAN, PL/1, IBM Assembler, Datapoint, JCL

SQL Server, Oracle 7, Oracle/Rdb, Oracle Repository

Recognition Awards

- Recognition for outsourcing Digital's pension system to Hewitt Associates
- Recognition for improving the efficiency of the workers compensation system
- Recognition Award for work done to integrate newly acquired company's pension data in the existing Digital system in a timely fashion
- Recognition Award for work done to change the Digital's pension system to implement an early retirement program in a timely fashion

Recent Technical Training

- **2000** Java Programming Class
- **1998** PeopleSoft Intro. To HR, Intro. to Benefits, Payroll I, Payroll II, and Payroll Yearend V7.5
- **1997** PeopleSoft Data Management Tools V7
- **1996** Entire People Technical Suite (PeopleTools I/II, SQR/SQL, PeopleCode, Upgrader/Data Management)
- **1995** Microsoft NT System Management
- **1995** ISO 9002 Compliance Training
- **1994** FORTE' application development
- **1993** Applications Programming in C
- **1991** Extensive Training in DMR Project Methodology
- **1990** OO Software Design Using DECdesign (Gane & Sarson methodology)