

ROBERT S. GRAY
26 S. Britton Road
Springfield, PA 19064-2202
Home: 610-543-8294
Mobile: 610-529-1964
Email: rsggray46@comcast.net
or rsg13@psu.edu

SUMMARY STATEMENT

Over 15+ years in the data management field in addition to continual enrollment in professional development programs. Related experiences have included project management, requirements gathering, data analysis and modeling, E/R diagramming, dimensional diagramming, process analysis and modeling, logical and physical relational database design, DB2 and Oracle database administration, etc. My experiences have also included work involving operational databases (OLTP), data marts, data warehousing (OLAP), and the use of UML and Object Oriented methodology.

TECHNICAL SKILLS

Project Management, Data Modeling, Database analysis and design, and DB2 and Oracle Database Administration.

COBOL VS, COBOL II, SQL, JCL, DB2 Stored Procedures, Java, JSP, Java Servlets

TELON, Xpeditor, FileAid, CICS, TSO/ISPF

IBM MVS and OS/390, DEC VAX, Microsoft Windows, Unix, Linux

RACF

DataManager, DESIGN 1

Excelerator, CaseWise/Corporate Modeler, E/R Studio, Visio, Erwin

METHOD 1, CATALYST, YOURDON, UML

PROFS, ALL-IN-1, Lotus Notes, Outlook

Microsoft Word and Excel, Microsoft Project, Project Workbench

PROFESSIONAL EXPERIENCE

Pennsylvania State University

Great Valley Campus, Malvern, PA

IT Consultant – Part-time job while looking for new contract

- Provide first level Information Technology help.
- Maintain the Computer Center Help Desk.
- Help students, faculty, and staff with computer related issues.
- Help faculty and staff with audio/visual related issues.

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Student – Master project as part of Oracle DBA Program

- Gather and analyze client's data and process requirements.
- Using ER diagramming develop logical relational data model and an Oracle physical data model for an OLTP
- Normalize data.
- Using UML notation develop Class diagram and Use Case diagram.
- Enhance original Oracle database to reflect new data model.
- Create web-based system using HTML, JSP, Java Servlets, SQL, and an Oracle database.

CIGNA Corporation/CIGNA Group Insurance Division
Philadelphia, PA

PALLM Project:

- Analyze data in current VSAM files.
- Gather and analyze data needs for new Data Mart.
- Create dimensional model for new Data Mart.
- Map data coming from old VSAM files to new Data Mart.
- Design system to feed new Data Mart.
- Lead programmer.

Cigna Linked Benefits (CLB) Project:

- Project Leader.
- Create and maintain project plan.
- Analyze data in current CLB OLTP DB2 database and database structure.
- Analyze structure of new Data Warehouse
- Map data from current OLTP to new Data Warehouse.
- Suggest updates to STAR schema model for new Data Warehouse.
- Suggest updates to database for new Data Warehouse.
- Design enhanced system to feed Data Warehouse.
- Coordinate activities of DBA.
- Create documentation.

E. I. du Pont de Nemours and Company

- Involved in the creation of a Data Management Division within the Information Systems Department.
- Played a part in promoting data management concepts within the company.
- Maintained Enterprise Data Model.
- Played a part in establishing a Corporate Codes Section for the development, promotion, and maintenance of corporate standard shareable data codes.
- Researched external standard data codes.
- Analyzed internal data codes.

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- Created data models for subject specific databases.
- Created corporate data standards.
- Maintained metadata in a data dictionary.
- Created logical and physical data models for numerous databases using ER diagramming.
- DB2 database administration.
- Performed analysis and created models for data marts and data warehouse.

Fidelity Bank
Philadelphia, PA

Trust Administrator

- Manage administration of institutional trust accounts.
- Review investments and oversee financial maintenance of the accounts.
- Perform tax analysis, preparation of Federal and State tax forms, and handle IRS audits for various trust accounts.

Accountant

- Perform budget analysis and prepare reports for bank president, executive officers, and managers.

Supervisor

- Manage the Accounts Payable section.

Southeast National Bank
Chester, PA

Accountant

- Preparation of corporate financial statements.
- Manage the bank's Federal Reserve balance.

Teller

- Process customer transactions.

Philadelphia National Bank
Philadelphia, PA

Quality Assurance Administrator

- Set up a Reject Analysis & Quality Control Unit to maintain quality of check encoding as applied by outside printing companies and bank proof machines, and analyze causes of checks being rejected during computer processing.

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Data Preparation Clerk

- Reconcile daily computer processing of check deposits.

EMPLOYMENT

8/2005 to Present	Pennsylvania State University, Malvern, PA
5/2004 to 3/2005	Student - Pennsylvania State University, Malvern, PA
7/2001 to 4/2004	Retirement
7/2000 to 6/2001	Cigna Corporation/Cigna Group Insurance Division, Philadelphia, PA Consulting contract through TEK Systems.
6/1998 to 4/2000	Computer Sciences Corporation – DuPont Account Consulting contract through Keystone Computer Associates, Inc.
9/1996 to 6/1998	E. I. du Pont de Nemours and Company, Wilmington, DE Consulting contract through Keystone Computer Associates, Inc.
1/1979 to 6/1996	E. I. du Pont de Nemours and Company, Wilmington, DE Full time employee.
5/1977 to 12/1978	Sayers & Runner Realty, Haddon Heights, NJ Full time Sales Associate
11/1973 to 4/1977	Fidelity Bank, Philadelphia, PA Full time employee
1/1970 to 8/1973	Betty Johnson Memorial Hospital, Dunn, NC Part time employee while in college
7/1968 to 1/1970	Southeast National Bank, Chester, PA Full time employee
7/1966 to 7/1968	Philadelphia National Bank, Philadelphia, PA Full time employee

EDUCATION

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Pennsylvania State University: Oracle DBA Certification Program
Widener University: B.S. in Business Administration (Accounting major)
Yourdon Inc.: Information Systems Analysis Workshop
Computer Horizons Corp.: CICS Command Level Programming
William G. Smith & Associates: Applied Data Modeling
William G. Smith & Associates: Project Management
McCabe & Associates: Structured Testing
Training Partners Ltd.: DB2 Database Design & Implementation
Training Partners Ltd.: DB2 Application Programming

REFERENCES

Available upon request.