

David Clapper

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An information technology professional with over 20 years of experience in consulting with end-users, managers, and IT professionals; database administration, design, and development; software process improvement; and intranet/internet and client-server design and development.

Professional Experience

Clio Associates Rochester, New York

Vice-President, Information Technology

- Responsible for project management and software design and development of websites for Goulds Pumps Dealer Association (<http://gpda.goulds.com> ; use 123456 for the member login code) and LIGHTNIN Mixers (<http://www.lightnin-mixers.com>). In addition to static HTML pages, I developed applications which
 - control member access to the members-only Goulds Pumps Dealer Association site and enable browsing of an image database.
 - gather user registration and inquiry information for the LIGHTNIN site into an SQL Server database for analysis and marketing efforts.Development efforts used Active Server Pages, Microsoft Access and SQL Server.
- Responsible for website design, development and modifications for Corning Telecommunications Products Division, The Ogden Group, Rochester Hearing and Speech Center, and Al Sigl Center. In addition to static HTML pages, I developed a database-backed application which displays employee and team organization charts and dynamic maps of employee locations, and enables navigation through the personnel hierarchy. Development efforts used Active Server Pages, Microsoft Access, and Perl.

Rochester Institute of Technology Rochester, New York

Adjunct Faculty, College of Business

- Responsible for curriculum development and teaching of Database Management Systems course.

Eastman Kodak Company Rochester, New York

Technical Associate

- Leader of a team responsible for assessing, documenting, and proposing improvements to process architecture for worldwide mechanical engineering hardware and software environment. This

activity required participation from engineering management and staff, R&D and corporate information systems, and global purchasing. It is part of an overall activity to apply total cost of ownership principles to the mechanical engineering environment and is expected to result in significant cost reductions and greater customer satisfaction. (A comparable effort in the electronics engineering space has resulted in a cost savings of over \$1,000,000 per year.)

- Leader of a team responsible for development of the R&D internet sitelet on kodak.com; responsible for investigating, proposing, and managing possible improvement opportunities to the sitelet (e.g., publication of technical papers and conference proceedings). Focus of this sitelet is on enhancing the Kodak R&D brand to the outside world, and in recruiting world-class talent to Kodak R&D.
- Co-leader of a team responsible for determining the long-term strategy and architecture for Kodak R&D's intranet. This activity will result in more ready access to the information R&D personnel require to do their jobs, and in enhancing the R&D brand internally.
- Senior member of a team responsible for implementing an Oracle-based intranet and client-server site for research and manufacturing component data. Responsible for defining and analyzing user requirements, designing and implementing a solution based on the requirements, and overall internal consulting around Oracle, data modeling, database design, Visual Basic (COM) component modeling and development.

This project is one of the three top IT initiatives sponsored by Kodak Research & Development, and was one of four finalists in the IT Solutions category for the 1998 Kodak Software Engineering Excellence Award.

Significant accomplishments:

- Consistently ranked by clients and management as providing high quality, timely service, and in pushing the envelope of my defined role.
- Architected Visual Basic/COM component architecture for the client-server portion of the project.
- Designed and implemented middle-tier and user interface Visual Basic components for the client-server portion of the project.
- Researched and implemented Visual Basic/Microsoft Transaction Server infrastructure in both development and production environments.
- Consulted with other developers on design and development of Visual Basic- and COM-based applications.
- Coordinated activities to define and implement a corporate reusable component development group.
- Developed and taught courses on Capability Maturity Model and Kodak Software Process Improvement methodologies.
- Designed and implemented significant portions of the intranet interface to the components database.
- Drove the evaluation, piloting, and implementation of strong authentication and encryption software within the project infrastructure.
- Acted as unit Process Liaison for division Capability Maturity Model implementation effort in several units (one unit began in early 1995 and achieved CMM Level 2 certification in early 1997; a second began in late 1997 and achieved Level 2 certification in early 1999.)

Technologies/software used: Visual Basic 5.0/6.0, Microsoft Transaction Server, Oracle, Oracle Application Server, Netscape Enterprise Server, Cayenne GroundWorks, Cayenne Terrain, Microsoft FrontPage, Windows NT, Sun Solaris, Verisign Digital ID, Security Dynamics ACE/Server and ACE/Agent for Netscape Servers.

Oracle Database Administrator

DB2 Database Administrator

- Member of a team responsible for managing DB2, Oracle, IMS, Datacom/DB, and RdB databases for Kodak Park manufacturing site. Responsible for working with project teams as a specialist in designing, implementing, and providing continuing support for Oracle and DB2 databases.

Software used: Oracle, DB2, Bachman/Analyst, Bachman/DBA, CA-Ideal (under CICS), Excelerator, Bachman GroundWorks, Bachman Terrain. Also familiar with DB/Excel-PR/MVS, Microsoft Office Product suite, PowerBuilder, and CSP.

Education

Juniata College

Huntingdon, PA

B.S. in Mathematics/Computer Science

Microsoft

Microsoft Certified Professional credential

Community Activities

Rochester Hearing & Speech Center

Vice-Chair of the Board of Directors. Chairman of the Information Technology, Long-Range Planning, and Nominating committees.