THEODORE LOOMOS

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Microsoft
C E R T I F I E D
Professional

EDUCATION

Bachelor of Science
Northern Illinois University, DeKalb, Illinois
Major: Computer Science: Applied Data Processing
Minors: Technology: Electricity/Electronics
            Business Administration

TECHNICAL BACKGROUND

PROJECT MANAGEMENT

MS Project	MS SourceSafe	Endevor/MVS
MS Office	Visio	

DESIGN

ERWin/ModelMart	InfoModeler	Texas Instruments IEF

DEVELOPMENT

Visual Basic	CSS	Oracle
C/C++	HTML/DHTML	SQL Server
Perl	PHP	DB2
COBOL/COBOL II	JavaScript	MySQL
COM/DCOM	SQL - PL/SQL	Access
LDAP	TOAD	Crystal Reports

ADDITIONAL QUALIFICATIONS

- Strong background in leadership and management positions through work experience.
- Experience installing and maintaining computer systems for various small businesses.
- Skill designing, writing, and maintaining software for several small businesses to perform tasks such as billing, inventory maintenance, and resource tracking.
- Exposure to various operating systems and environments including Windows (3.1, WFW, 9x, NT, 2000, XP), UNIX/Linux, OS/2, ISPF/TSO and VM/CMS.
- Installed, configured and administered version control software for projects ranging in size from 1 developer/10 elements to 50 developers/1500 elements.
- Experience installing and maintaining computer systems for various small businesses.
- Skill designing, writing, and maintaining software for several small businesses to perform tasks such as billing, inventory maintenance, and resource tracking.
- Successfully implemented PC-based voice mail systems, e-mail systems and local area networks.
- Training in System Design & Analysis, Microprocessor Analysis and Computer Circuits.

CERTIFICATIONS & PROFESSIONAL AFFILIATIONS

- Microsoft Certified Professional
- Project Management Institute (PMP Pending)
- Independent Computer Consultants Association
- Association for Computing Machinery
- Better Business Bureau

REFERENCES AVAILABLE UPON REQUEST

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PROFESSIONAL EXPERIENCE

Consultant, Kraft Foods, Glenview, Illinois   **Jul 1997 – Jun 2003**

Project Manager and DBA (eWork)   *Dec 2001 – Jun 2003*

Co-managed the development of 2 applications (ePackaging and Advertising) within the "Kraft eWork" suite of tools. Performed all Oracle DBA tasks for both applications including data modeling, table design and PL/SQL development of all packages, procedures, functions and triggers. EPACKAGING: Internet based application that replaces a client/server project management system used by the Package & Brand Design group. Worked directly with the user community to gather and document business requirements. Prepared requirements documentation for the development team including technical design specs, process flow diagrams, workflow diagrams, E-R diagrams and an online prototype. Reduced the implementation timeline by 50% by creating triggers that perform a real time bi-directional synchronization between the old and the new databases, effectively eliminating the need for data conversion. This approach also provided a real-time parallel environment with the existing application which enabled a phased rollout plan. Conducted user interviews and demos. Transferred personal knowledge relating to this business area to internal company personnel. ADVERTISING: Workflow application that tracks $50 million in annual spending using a WebSphere/Domino/JSP/Oracle internet application. Conducted user interviews, communicated requirements to the development team and managed client expectations.

Application Developer (Enterprise Directory)   *Oct 2001 – Dec 2001*

Leveraged the Enterprise Directory (Active Directory based LDAP source) by creating a Visual Basic 6 application to synchronize the directory with an Oracle database. Administrative interface allows custom replication activities to be defined. Replications can be performed interactively or in batch mode with command-line switches. Replications can be previewed and queries can be executed against ODBC or LDAP data sources and results can be exported to Excel through a COM interface.

Project Manager and DBA (Promotions)   *Sept 2000 – Feb 2001*

Led a 5 person development team utilizing Lotus Notes, WebSphere, JSP, Oracle and SQL Server to create a workflow application for managing promotional projects. Performed all Oracle DBA tasks and conducted user interviews, prepared requirements documentation, performed demos to users and management, and managed client expectations.

Application Architect/Lead Developer (Packaging)   *Jul 1997 – Nov 2001*

Replaced an existing 4D project management application using Visual Basic 5/6, Oracle 7.3/8, Crystal Reports 5/8 and Microsoft Office. Worked with key users to gather and document all business requirements in the existing system and helped identify opportunities for additional functionality. Custom objects were created to encapsulate the business rules, data and security layers of the application. Used COM to leverage Microsoft Project, Outlook, Word and Excel for various tasks as appropriate. Performed all Oracle DBA tasks including data modeling, table and view design and PL/SQL development of all packages, procedures, functions and triggers. Developed and executed a data conversion plan to migrate 6 years of data from the existing 4D database into the new Oracle schema. Managed the rollout and support for the application to locations throughout the country. Designed a framework to facilitate integrating the client-server based application with a web-based (Notes/Domino) workflow engine.

Consultant, D/C Export, Elk Grove Village, Illinois   **Apr 1997 – Jun 1997**

Application Architect/Developer. Developed a job tracking system utilizing Visual Basic 5, SQL Server 6.5, Access 97 and Crystal Reports 5. Existing AS400 application is being re-written in VB. Responsible for reviewing all design documents generated by analyst and making recommendations based on knowledge of client server development and GUI design principles. Created an initial data model based on existing data structures and modified as necessary. Prepared detailed time estimates for each portion of the system.

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Consultant, Epsilon Lambda Corp., Geneva, Illinois   **Mar 1997 – Apr 1997**

Installation Coordinator. Upgraded a 4-node Novell 3.11 LAN with 4 printers to a 32-node Novell 3.12 LAN with 7 printers. Determined requirements and purchased all necessary hardware. Installed, terminated and tested all UTP cables and wall jacks, installed 2 16-port hubs, 1 3-port remote print server, 5 new PCs and 2 new printers. Also installed/upgraded NIC's in existing PCs as necessary. Implemented a disaster recovery plan and trained staff.

Consultant, Ameritech Communications, Inc., Rosemont, Illinois   **Oct 1996 – Feb 1997**

Senior Application Developer. Developed applications using Visual Basic 5 (Beta Release through General Release), Oracle 7, Windows NT, and Neuron Data. Responsible for the development and implementation of the Rules Database data model in Oracle using ERwin/ModelMart. Accountable for all design documents related to the Rules Entry System. Created user interface to allow business rules to be entered and stored in an Oracle database. Assisted in the design of a Rules Translator which extracted business rules from the Rules Database to generate a Neuron Data Knowledge Base. Developed several ActiveX components using Visual Basic 5.

Consultant, Kraft Foods, Northfield, Illinois   **Jan 1996 – Oct 1996**

Technical Lead and Mentor. Utilized Visual Basic 4.0 and Crystal Reports 4.5 to automate the creation and distribution of price lists for the 5 regional sales districts. Also streamlined the process for performing and communicating price changes. Front-end utilized Visual Basic 4.0 on Windows for Workgroups 3.11, and the back-end was DB2 via the MDI Gateway. Crystal Reports was used extensively for creating a single price list that could be adapted at run-time to present a different format for various price areas. Assisted in the creation of remote stored procedures (RSPs) used by the MDI Gateway to retrieve data. Utilized MAPI to provide E-Mail functionality and Adobe Acrobat to allow distribution of price lists to the Intranet. Created an application shell used to reduce the amount of time required to create an initial prototype, while maintaining a consistent look and feel across applications. Assisted with initial estimates and resource assignments. Also performed pre-release demos for users and upper management and provided one-on-one post-implementation user support.

Consultant, First Chicago Bank, Chicago, Illinois   **Jan 1996 – Jul 1996**

Oracle 7 DBA. Supported the development team in the Corporate Cash Management department as the primary DBA. Coordinated all database activities and maintained the UNIX server for two Oracle 7 databases. Responsible for the creation and maintenance of all database objects as well as performance monitoring and tuning. Utilized ERWin to centralize the various components of the database including the data model, DDL, triggers, views and stored procedures.

Consultant, Business Records Corporation, Rockford, Illinois   **Sept 1994 – Aug 1995**
                                                                                          Nov 1995 – Dec 1995

Lead Developer and DBA. Assisted the election services division of Business Records Corporation with the development of its first Windows based client/server application. Acted as lead developer and DBA on the project utilizing Visual Basic 3.0 and Oracle 7 to develop a modularized comprehensive election management system. Helped train company personnel on relational database concepts, client/server development techniques and the Windows environment in general. Responsible for all DBA tasks from installing and configuring Oracle 7 on Novell to creating DDL for table and index creation. Assisted with data modeling tasks, development of programming standards and the preparation of a development strategy. Designed the overall application architecture and created a program shell used for creation of all modules. Introduced several third party controls, development tools and utilities which were used to increase productivity, maintain application integrity and ensure adherence to standards. Created an application loader to automatically install new components on user machines and ensure that all necessary support files (DLLs, VBXs, etc.) are available. Developed several key components of the system including the security module which allows function level security based on user group.

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Consultant, Wheels, Inc., Des Plaines, Illinois   **Aug 1995 – Nov 1995**

Application Developer. Responsible for the development and maintenance of several applications in a Visual Basic/SQL Server environment. Modified an existing application to retrieve photographs stored in SQL Server and display them using OLE technology. Added functionality to the Client Management System to allow contracts to be created, tracked and maintained. Developed an application used to identify departments and procedures causing the greatest delay in processing customer orders. Created an application to automate the production of Executive Review documents. These documents consolidate information from several departments within the company, as well as information from legacy and client/server systems to be used as a sales and planning tool by the sales staff. Designed and integrated a report server into the Executive Review application to allow selection criteria, sort order and print destination to be controlled by the user at run-time. Report server functionality included the ability to route reports to users through the e-mail system. Also used the VIM VB wrapper to send notification messages from the application to users and departments through cc:Mail.

Consultant, Commonwealth Edison, Chicago, Illinois   **Mar 1994 – Aug 1994**

Application Developer. Team member on an end-to-end client/server development project of a LAN based work order management system. Development environment utilized Uniface 5.2f and SQL Server. Project team performed all data modeling tasks, implemented the data model, designed Windows front end, created real-time interfaces to multiple systems and databases including legacy systems on the mainframe, developed DLL's and performed DBA tasks. Assisted with the development of Uniface standards and guidelines for implementation.

Business Systems Analyst, Helene Curtis, Inc., Chicago, Illinois.   **Jun 1992 – Mar 1994**

Assisted in the development of an order management system re-engineering prototype using Uniface, Oracle 6 and IEF. Worked individually and with programming teams in designing, coding, testing and maintaining programs using APS, COBOL II, CICS and DB2 in an ISPF/TSO environment. Assisted with coding and implementation of Promotion Payments system. Developed a Batch Submit Facility for user acceptance testing and coordinated all batch schedule and component changes for OMS Release 2. Helped install and configure Endevor/MVS version control software. Participated in courses emphasizing presentation skills and goal setting.

Additional Projects

Web Developer and Mentor   *Apr 1999 - Present*

Created several web sites for clients ranging from simple home pages to full online storefronts with shopping carts and online transaction processing. Provided recommendations on tools and services as necessary. Trained clients on tools and procedures enabling them to save money by maintaining their sites internally.

Administrator/Developer for WebAPP Portal Software   *Jun 2002 – Present*

Redesigned the WebAPP search engine using Perl regular expressions to allow more advanced search options while improving performance. Recommended several architectural changes that have resulted in increased flexibility and stability. Developed several mods that are currently used by thousands of users around the world.

Project Manager & Developer for Women's Workout World   *Mar 1992 – Jan 2000*

Coordinated the design and development of a multi-location membership system for Women's Workout World. Utilized Visual Basic 3.0/4.0, Microsoft Access 1.1/2.0, Crystal Reports 3/4/5, and Windows for Workgroups 3.11 to minimize cost while maintaining a high level of performance and flexibility. Successfully conducted client interviews and made all hardware and software recommendations. Installed network and all necessary hardware and software. Adopted the Microsoft Office suite of products to incorporate office automation at each club. Implemented a comprehensive disaster recovery plan and trained all personnel in the proper use and care of the system. Automated remote access procedures for the retrieval of data by the executive staff, as well as to provide a means for off-site maintenance and support. Developed a report server which allows scheduling of reports for automatic printing. Worked together with the executive staff to determine ways the computer system could be utilized as a club management tool to streamline operations and provide the data necessary for effective management decision making.