

CLIENT NAME

(123) 456-1525 ♦ clientname@yahoo.com

SOFTWARE/HARDWARE PROJECT MANAGER

Dynamic, accomplished IT Professional with 24+ years of experience in Project Management, Product Development, Data and Systems Analysis. Proven ability to successfully direct IT technical development and provide key support to programs. Detailed and documented history of: reducing overall costs, identifying and improving inefficiencies, and increasing overall productivity. Experienced at collecting and analyzing large volume source and metadata; proficient in creating concise data visualizations and trend analysis reports. Hands-on manager with ability to lead, motivate, and coordinate technical teams and projects. Possess familiarity with planning and supervising technology implementations and upgrades and the ability to work with end users to determine requirements. Recipient of numerous performance awards including IBMs Senior Technical Staff Member (STSM).

Major Strengths include:

- Advanced Data Research and Mining skills using multiple data mediums and formats
- Verifiable ability producing high volume data and creating clear and concise data visualizations and presentations
- Expert skills at working with clients to gather and document project requirements
- Award winning skills and experience at data management: organizing source and derived data files to assure consistent and reliable storage and retrieval of current and historical information
- Hands-on experience using PMBOK, SDLC, and Agile methodologies
- Team leadership of projects across functional boundaries and project development locations.
- Extensive experience authoring, learning, and improving process flows by understanding data flows, finding bottlenecks and defining the key performance indicators

AREAS OF EXPERTISE

Process Analysis • Vendor Research • Client Relation Management • New Business Development • Negotiations Product Development/Planning & Prototyping • Large Data Experience with Multiple Formats • Enterprise Data Management Control Documentation • Reporting & Presentations • Data Analysis • Data Migration • Problem Detection & Solving Data Mining • Tracking & Resolution • Cross Function Communications • Market Trends • Strong Presentation Skills

PROFESSIONAL EXPERIENCE

AGILIX, Austin, TX

This company is a leading developer of K-12 digital Learning Management and Assessment Systems.

Producer/Analyst, 2013-2014

Studied the functional documentation for a new enterprise digital assessment system and created a User Guide which addresses over 200 system functions.

Key Accomplishments

- Created and implemented use-case diagrams defining process and dataflows for SOW contracts with enterprise level Learning and Assessment clients.
- Delivered expert use of in-house tool called Diagram Creator to build deep dive documents, which provided clients with data visualizations of their system level requirements.
- Employed expert usage of mixed mode Agile/Waterfall Project Management Methodologies.
- Create resource plans and schedules and track the speed and progress of project deliverables.
- Researched and gained an understanding of industry LMS Assessment Standards being proposed by Common Core, APIP, PARCC, and Smarter Balanced organizations.
- Developed skills using Google Documents, Google Drive, and Google Dropbox.
- Executed several LMS competitive analysis exercises using the Internet and information collected at trade shows; research was documented and my findings were submitted to management for review.
- Lead Producer for the development of an Assessment Caching System Database.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ)

Programmer/Analyst, 2012-2013

Retained as a Contractor to lead the migration of a legacy PARADOX database to an ACCESS database.

- Responsibilities included documenting process flow, creating data visualization applications, working with end users to understand and document user requirement.
- Facilitated the education of users, helping them understand and adapt to the new database, report formats, new Graphical User Interface, and how to document user feedback to assist with the prioritization and categorization of specific changes.

- Other responsibilities included: solving and implementing algorithms for data filters requested by users, developing work breakdown schedules, creating database tables, developing SQL programs and User Data Tracking Reports, developing the Graphical User Interfaces, and testing all work deliverables prior to the release of applications to end users.

INDEPENDENT CONTRACTOR, 2009-2012

- **Innovative Research:** Extensive experience researching and analyzing renewable energy.
- **Educational Advancement:** Attended Energy Forum at the University of Texas and HAZMAT Forum sponsored by the State of Texas.

- Successfully worked as an independent freelance researcher studying renewable energy. Attended Energy Forums, established direct communications with the Department of Energy, Wind Watch, Weather Underground, leading authors of books on weather and energy, and many experts in the field of renewable energy.
- Developed tools to export information from DOE databases for the purposes of creating charts and reports showing trends in renewable energy.
- Created database focused on electricity derived from windmills and plan to write a paper on this topic in the future.

IBM CORPORATION DASHBOARD SOFTWARE DEVELOPMENT, DATA VISUALIZATION, 1990-2009

Project Management and Data Analysts 2005-2009

Lead Methodologist, Project Manager and Systems Analyst, 1990-2005

- Successfully defined and project managed the development, and deployment of a Data Tracking and Reporting Dashboard System that measured the progress, completeness, and quality of microprocessor key performance indicators throughout the development process.
- Chaired requirements gathering meetings with design teams to assure that all required features would be supported by the Dashboard System.
- Developed the business case, created functional specifications defining data schemas and algorithms, created/maintained the scope document, created work break down schedules, tracked/reported project status to management, managed design change, closed project, and wrote the lessons learned document. Managed Communications with Dashboard Customers across 7 IBM locations. Recruited, hired, and managed 12 developers working at 5 IBM locations.
- Led the team to test and complete the Dashboard on-time. The Dashboard code was developed in a JAVA, C, SQL, DB2, and Eclipse environment using a SDLC methodology. The Dashboard is credited to having provided a **10% increase** in design analysis productivity and contributed to an **estimated savings of over \$1.5M.**
- Captured position of expert user and advanced data analysis/access methods using, SQL, EXCEL, APL, and ACCESS to create analysis/reports to: (a) Show data completeness, data version levels, and quality levels across 22 key performance indicators, (b) Report customer usage by application and frequency, (c) Reveal trends based on customer reported defects and comments, (d) Converting various data metrics stored in non-common formats to a common schema to enable data to be more accessible with other metrics, (e) Identify and report on key performance indicators that reflect on the quality and status of a project, (f) Identify application defect reporting based on computer logs, user reported problems and severity, (g) Provide server usage and server queue analysis, (h) Provide analysis of manufacturing test results.

IBM PERFORMANCE BASED AWARDS

IBMs Senior Technical Staff Member (STSM)

IBM Corporate Award for Microprocessor Design and Verification Methodology Development

IBM Division Award for Microprocessor Design and Tool Development

Various Outstanding Contribution Awards for achievements in Dashboard Development, Software Project Management, Leadership, Quality Control, etc

IBM Blue Chip Award for Business Analysis

EDUCATION

- **Bachelors Degree in Mathematics,** Rutgers University

TECHNOLOGIES

- Managed a DB2/SQL/JAVA/ECLIPSE/JFREE project
- Data Modeling and Simulation
- Developed applications for Windows, LINUX, and AIX platforms
- Extensive experience with EXCEL, PowerPoint, MS Project, Access, SQL, BRIO, APL, HTML