

Matt Dean

Summary

Mr. Matt Dean is a Purdue University graduate with over 15 years professional experience helping companies implement complex large-scale custom software system projects. He is a hands on technical manager with the ability to mentor staff and share with them real world approaches to solving business problems through the use of Information Technology. Mr. Dean is known for his breadth of knowledge from legacy systems to modern programming environments and platforms.

Career History

Zycron (04/2009 - present)

Project Manager

Zycron is an international information technology services and solutions firm headquartered in Nashville, Tennessee.

Accomplishments:

- Project Manager for the Mainframe Sunset Project supporting the IBM Maximo Supply Chain and Work Management Implementation Project at the Tennessee Valley Authority.
- Responsible for managing several project teams tasked with rehosting Mainframe applications. These project teams migrate application systems to Unix platforms with Oracle databases as well as develop new Informatica interfaces.

Independent Consultant (03/2003 – 04/2009)

Project Manager

CFI Precision Manufacturing is an ISO 9001:2000 Certified High-Volume Metal Forming & Finishing Specialist located in a 285,000 square foot facility in Gadsden, Alabama. Direct report to the IT Director, COO, and CEO. As an Independent Consultant responsibilities encompass the design and implementation of a custom ERP software system using Microsoft .NET and SQL Server technology.

Accomplishments:

- Implementation of AIAG (Automotive Industry Action Group) compliant bar-coding to enable new business with Alabama automotive customers.
- Development of a custom Shipping/Logistics system to interface with GE's SupplierNet Electronic Packing Slip system via the Internet.
- Development of a custom Steel Purchasing system with market price guides established by management quarterly for buying various types of steel.
- Development of a Raw Material, WIP, and Finished Goods tracking system that uses wireless Radio Frequency scan-guns.
- Worked with all steel suppliers to bring their current bar-coding standards on-

board and implement a Raw Material Receiving and Notification system.

- Development of a Materials Requirements Planning system that utilizes real-time Raw Material, WIP, and Finished Goods levels to increase inventory turns and reduce inventory on the floor.
- Development of custom Internet based EDI interfaces with companies like GE, Frigidaire, Whirlpool, Copeland, and Carrier for the exchange of order requirements and advanced shipping notifications.

The Tennessee Valley Authority is the nation's largest public power company, with 33,000 megawatts of dependable generating capacity. Reported to the Director of Supply Chain Systems. As an Independent Consultant working with their existing IT staff, responsibilities included consulting, programming, and mentoring.

Accomplishments:

- Consulted during the Indus PassPort Supply Chain system upgrade, specifically in the area of reporting and balancing the real-time inventory system to the G/L.

Packaged Software Associates (05/1999 – 02/2003)

Principal Consultant/Team Lead

Packaged Software Associates is a software-consulting firm located in Chicago, IL. The firm is comprised of former Price Waterhouse and Arthur Andersen consultants. As a Principal Consultant responsibilities encompassed working with clients to define requirements and successfully implement software system solutions using Java J2EE and IBM Mainframe programming technologies utilizing Oracle and DB2 databases. Reported to client management such as Vice President of Procurement and Director of Supply Chain Systems.

Accomplishments:

- Custom Java software development and implementation of a Nuclear Work Planning system for the TVA's Browns Ferry Nuclear Restart project. Reduced work-plan creation time from 25hrs to 7hrs per work-plan.
- Development of custom Java software to track Dam Safety instrumentation data for all of the TVA's Dams. Converted data from hundreds of spreadsheets and other data sources to create a consolidated data source for instrumentation data and a single application for engineers to use to maintain, manipulate, graph, and export data.
- Managed the TVA's reporting team during the implementation of the Indus PassPort Supply Chain system and conversion from numerous in-house legacy systems. Developed reports to balance the real-time inventory system to the corporate G/L system (FERC 154).
- Developed Coal Quality Adjustment Reporting during the implementation of the Energy Softworx Fuels Management System. These reports and data warehouse interfaces are adjustments on over \$1 Billion dollars worth of fuels contracts annually at the TVA.
- Programmed custom modifications during the upgrade of the TVA's Walker Financials System. I was responsible for coding/testing modifications to the Check-writing, Purchasing, Receipts, and Fuels Invoicing modules. Also worked on interfaces from the TVA to the US Treasury.
- Developed interfaces from legacy insurance data sources to QuoteSmith.com's

web system. The first company to sell insurance via the Internet.

Deskware, Inc. (09/1998 – 05/1999)

President

Deskware, Inc. was a small software development company located in Tampa, FL. The company developed software tools for Y2K projects and legacy systems maintenance. Products were sold to thousands of companies involved in Y2K efforts and legacy systems reengineering projects.

Accomplishments:

- Co-Founder of Deskware, Inc.
- Designed the CobolScript programming language - U.S. Patent & Trademark #: 2407077-75599013.
- Licensed technology to companies involved in legacy COBOL maintenance.
- Developed, marketed, and sold a COBOL reverse engineering tool - VACE.

ADP/GSI Outsourcing (07/1995 – 09/1998)

Unix Data Center Manager

GSI Outsourcing was a start-up data center and applications outsourcing company started by GSI (the largest payroll data processor in Europe). GSI entered into exclusive outsourcing agreements with companies, and would move their Unix servers, AS/400s, and Mainframes to the data center located in Tampa, FL where GSI employed an expert staff of administrators, DBAs, and application developers. As a Unix Data Center manager duties included 7x24 support of Unix based systems, applications development, and Informix DBA duties. Reported directly to the Data Center Director and Director of Applications Outsourcing.

Accomplishments:

- Applications development and maintenance of C/C++ Motif systems.
- Management of contract programming resources.
- Informix Database installation, configuration, and tuning for clients.
- Development of sophisticated interfaces between Unix and IBM Mainframe systems.
- Migration and data conversion of client systems to companies during corporate buyouts.
- Re-write of high volume bulk faxing Clipper application for Parafax.

Price Waterhouse Public Utilities Group (08/1993 – 07/1995)

Senior Consultant

Price Waterhouse was one of the largest public accounting and professional services firms in the world. As a Senior Consultant in the Public Utilities Group responsibilities included leading client engagements during the implementation of Customer Information and Billing Systems for large Electric and Natural Gas Utilities. Reported to Senior Project Managers, Partner in-charge, and client Project

Management.

Accomplishments:

- Led a 6-member data conversion team and conducted Joint Application Development sessions with users during a CIS Implementation project for Consumers Natural Gas in Toronto Canada.
- Audited and assisted in technical programming areas during a CIS Implementation at Consolidated Natural Gas in Cleveland, OH.
- Developed client-server programming components during a CIS Implementation at South Carolina Electric and Gas.
- Programmed Billing and Service Order modifications during a Billing System Implementation at Piedmont Natural Gas in Charlotte, NC.
- Designed and developed billing programs for co-generation, PASNY, and Hourly Pricing during a Power Billing System Implementation at Niagara Mohawk Power Corporation in Syracuse, NY. Conducted Joint Application Development sessions with users, analyzed tariffs and hourly billing calculations to develop the design for the Hourly Integrated Pricing programs.
- Top of class in Price Waterhouse's 3 month MITIS training program in 1993 with a recommendation from the firms Vice-Chairman Tom Beyer.

Education

1989–1993 Purdue University West Lafayette, IN

- B.S., Computer Technology.
- Developed Integrated Pest Management software for Post-Doctorate researchers while working my way through school. Currently marketed by Purdue/ Dept. of Agriculture.

Training

- 2002 – Training class on PriceWaterhouseCooper's SUMMIT Systems Development Methodology.
- 2000-2002 - Various Federal Government Procurement and Nuclear training modules required during consulting work at the Tennessee Valley Authority.
- 1996 – Informix DBA Server Administration training certificate.
- 1995 – Sybase DBA Server Administration training at Sybase's headquarters in Toronto Canada.
- 1993 - Price Waterhouse's 3 Month Management Consulting and Information Technology training program in Tampa, FL.