

IS&T BUSINESS ANALYST MANAGER

Summary

Over 23 years of hands-on experience in Engineering, Procurements, Constructions (EPC) and Information Systems

Management at Bechtel, with a proven leadership skills in managing multinational teams to deliver results on schedule and within budget. Served the Mining and Metals, Oil and Gas, Power, Civil, Telecoms, and Defense Waste Processing Facilities (DWPF) and has held assignments in several countries, including the Canada, Saudi Arabia, Sultanate of

Oman, and the United States. My engineering background allows me to understand work processes and to apply my knowledge to find solutions for large, complex and distributed projects. Over the last 5 years, as customers started to shift to a program type approach rather than one-off projects, I gained significant experience with the large mining customers in setting up information systems services for alliances and leveraging them for a multitude of projects. Recently led a number of corporate initiatives in IS&T and for the EPC functions.

Highlights

- Enterprise platforms
- Engineering automation
- EPC data applications
- Data integration
- Software development, testing, deployment and User's support
- Project planning
- Project management
- Consulting, and Customer support
- Collaborative
- ANSI/ISA-67.04 Set point and Scaling

Experience

IS&T Business Analyst Manager 01/2013 to Current Bechtel Phoenix , AZ

- Accomplished business analyst skilled in achieving operational efficiency and increasing revenue in the IT services.
- Employs root cause analysis to identify IT issues and develop process improvements that lead to cost savings.
- Perform research to assist in United Arab Emirates Data Center Business Case options
- Define requirements and propose change to less cost and scalable options.
- Spearhead plan to deploy and upgrade applications, such as Ecosys, Oracle Primavera P6, B2W Estimation, Setroute, ArcGIS, Project Wise, Smart Plant 3D, PDS at Bechtel's Data Centers.
- Lead cross-functional teams to analyze and understand the operation impacts, application performance and opportunities for technology changes institutions-wide, identify key roadblocks and proposed effective solution to a better applications performance.
- Delegate and supervise daily work for IT Global Support Organization and act as the technical lead for all EPC software's.
- Provide information management and automation services to business units and projects.
- Deploy, configure and support commercial EPC software.
- Create, deploy and support custom data management software.

Information Systems Senior II & Integrations Specialist 06/2008 to 01/2013 Amazon Bonita , CA

- Served in facilitating the provisioning of IT Products and Services within the Portal Service Network and worked with Global Software Engineering to complete the migrations of all Certified Bechtel Software Application Programs.
- All Mining and Metals projects were successfully migrated to the new the Portal Service Network environment.
- Deployed applications to local servers where they are not certified for the Portal Service Network.
- Deployed the Global Business Units Integration standard.
- Provided Support to Mining and Metals projects after super user has failed to resolve.
- Contributed to the enhancement of the standard the Portal Service Network integration for Aluminum Smelters by customizing templates to be used by other Aluminum plant projects going forward.
- Involved in developing, debugging, testing, consulting, supporting and managing the implementation of Interfacing with users to analyze their work processes and assist them in determining the modules' practical applications in their daily business.
- Planned, implemented and managed IT infrastructure including LAN, WAN, support, including Asset Information.
- Management and Configuration Management to all Geotechnical, Hydrology, Hydraulic (G&HES) Bechtel sites.
- Deployed G&HES applications and Migrate Concurrent Licensing server model to new server at Bechtel's Data Centers.
- Setup and Configuration Project Works applications and other related utility software as required for Kitimat Modernization Aluminum Smelter Project.
- Provided day-to-day support on use of software features, options, and trouble-shooting.
- Identified EPC departments' needs and Meeting their project deliverables.
- Involved in developing, debugging, testing, and supporting and managing the implementation of the following Kitimat Modernization Aluminum Smelter:
 - a) Specific duties include: Writing programs based on specifications, Business Rules where applicable for the development effort.
 - b) Interfacing with users to analyze their work processes and assist them in determining the modules' applicability in the functions that they perform.
- Conduct Administrators training on Bechtel Software Application Programs to qualify Administrators and other discipline engineers for use of the applications.

Information Systems Senior II 02/2006 to 06/2008 Bechtel Corporation Sohar Aluminum Smelter Project City , STATE

- Completed project setup including infrastructure and applications.

- Managed, standardized, and integrated EPC applications on projects.
- Conducted Administrators training on Bechtel Software Application Programs to qualify Administrators and other discipline engineers for use of the applications.

Engineering Automation Specialist 05/2000 to 02/2006 Bechtel Power And Telecommunications Corporation City , STATE

- Designed and deployed computer applications to integrate, monitor and status disparate project schedule systems between 46 global organizations.
- Designed, developed and managed Inspec - a data management application - that is now a key engineering application in multiple business units.

Project IT Manager 05/1999 to 05/2000 Bechtel Power And Telecommunications Corporation City , STATE

- Coordinated and implemented the automation requirements of a number of active Projects.
- My Duties included assisting projects in developing and implementing Automation plans, conducting project technical reviews, coordinating automation requirements for project startups, coordinating automation efforts between the home office and job sites, and performing customer special requests (e.g., investigating new technologies, performing cost/benefit studies, and sharing best practices and lessons learned).

Control Systems Engineer & PIMS Lead 05/1997 to 05/1999 Bechtel Power And Telecommunications Corporation City , STATE

- Responsible for developing, debugging, testing, supporting and managing the implementation of the Project Information Management System (PIMS) Control System Database for the Ghazlan II Project. This system provides a globally distributed system that includes DCS configuration information requirements for Bechtel, the consortium partner, the client and client's consultants at all project work locations.
- Responsibility for all aspects of system and DCS specification, communications requirements, procedural requirements, distributed work processes, capital and operating budgets.
- Managed, coordinated the PIMS Control Systems Data Base implementation and supported teams in GAEU; SAEU Al-Khobar, Saudi Arabia; Nagasaki, Japan; Client Headquarters, Dammam and job site offices in Ras Tanura, Saudi Arabia.

Senior Control Systems Engineer 02/1993 to 05/1997 Bechtel Savannah River Company City , STATE

- Responsible for Developed and maintain a tracking database of relevant DCS alarms, trends, and their configurations within the Defense Waste Processing Facilities (DWPF) which is part of PIMS.
- Integrated and enhanced the DWPF Distributed Control Systems (DCS) in order to provide the end user a user friendly way of extracting information from a multitude of Dbase III databases. Also modified Dbase III plus programs in order to format the output per design document specifications.
- Prepared database report for configuration and termination assignments of DCS input/output points to track available/spare points, slots, multiplexers, and process control modules.
- Planned and conducted technical work requiring selection of computer hardware components in order to be integrated into the design of real time control applications.
- Prepared automation plan, budget, communication plan, specify client automation interface, specify new software product, and optimize project work processes.

Control Systems Engineer 02/1992 to 02/1993 Bechtel Corporation-TVA City , STATE

- Designed control room layout including location of process control modules, field termination cabinets, display control modules, and operating console modules.
- Designed and developed process piping and instrumentation drawings (P&IDs) control logic drawings (CLDs), loop diagrams, and instrument data sheets.

Education

Bachelor of Science : Computer Science 1989 University of Nebraska City , State , U.S.A

Minor: Civil and Mechanical Engineering

Certifications

ISO9K.

MCP.

Six Sigma Yellow Belt Certification.

ITIL v3 certified.

Skills

Software Languages: Visual Basic, SQL, Dbase, Pascal, Assembler, and C/C++

Databases : Oracle 11.x, MS Access

Applications Service Expert: Databroker, Iring, BPS, Teamworks, Inspec, Setroute, Ecosys, Documentum, B2W, Primavera P6, ArcGIS, GeoStudio, gINT, BlueMarble, AutoCAD, Visio, ProjectWise, Microstation, SmartPlant 3D, PDS and SAP.

Operating Systems: Windows 2012 Server, VMS, and Citrix.

Hardware: IBM AS/400 computer, PC

Other: Proficient in Oracle Database Management, Oracle Enterprise Manager, Microsoft SQL Database

Management, SQL*NET, PL/SQL, XML, HTML, ASP, ASP.Net, SharePoint, Web Matrix Also knowledgeable in DOS and many utility programs.

Special Training: Â

Oracle Developer PL/SQL Program Units, Advance PL/SQL and Oracle data warehouse, Oracle

Discoverer, DBA 9i Performance Tuning, Oracle 9i Backup and Recovery, MCSE 2008 “Microsoft Certified System