

LARRY MCCLELLAN

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SUMMARY

I am a manufacturing professional with three distinct métiers, Production Planning Scheduling and Execution, Business process analyst, and Business System design and implementation. I have been working as a consultant in China and Mexico over the last 6 years. These contracts ended during the covid pandemic. I have moved to Albuquerque expressly to return to work in a technically challenging business. I am able to work contract as I do not require any benefits. I would love to again train and mentor young professionals. I would prefer a focus on MES systems applying attribute based planning and a distributed accountability where each process have the exact information required to understand and execute the daily requirements. I am also an experienced Manufacturing engineer for metal removal systems.

PROFESSIONAL EXPERIENCE

ALPINE MANUFACTURING CONSULTING – OWNER

1th of September 2018 – 15th of April 2020

- Worked a project in Monterrey, Mexico maquiladora to develop a planning and execution system utilizing QAD as the central database, Adexa as the fast MRP Full Pegging scheduling system and a .Net front end reporting system integrating with various other systems. I currently provide warranty support gratis as needed for systems I designed and implemented. The business environment was Oilfield Completion systems. Covid killed this contract.

NES GLOBAL TALENT – CLIENT – SCHLUMBERGER DRILLING SYSTEMS – QUINGPU, CHINA

February 2017 – October 2017

- Worked on site and remotely in the startup of a new Schlumberger Drilling Products factory. Utilizing QAD as the back end data and designing a full pegging system and .NET reporting system.
- Assisted in the design of the process flow with focus on queue designs and Kanban signals. Trained planning staff in QAD and execution systems.
- Manufacturing Engineering support for fast turning of drill collars.

MBO PARTNERS – CLIENT – SCHLUMBERGER COMPLETIONS HQ – ROSHARON, TEXAS

November 2015 – May 2016

- Worked remotely and on site in a manufacturing engineering project. Schlumberger had lost a major tender for Kuwait Oil Company. In support of the next project phase I studied each component of the completion systems and re-designed the routings, machine processes, and CNC programs enabling a 30% cost reduction in machining

times. Standing at the machines in Monterrey I proved out the improved processes. The next phase of the project was awarded based on the cost improvements.

SCHLUMBERGER COMPLETIONS HQ – ROSHARON, TEXAS

GLOBAL PLANNING MANAGER- LINER HANGER SYSTEMS AND MULTI-STAGE STIMULATION

February 2012 – June 2016 (Retired)

- Designed and Implemented S&OP and Master Planning and Forecasting system utilizing attributes based kitting. This enabled a transition from an end item planning and forecasting to a dual level master schedule system utilizing assemble to order planning from make to order.
- Achieved Principle on the Technical ladder working also as an internal technical consultant to all Schlumberger product lines.
- Worked on integration of Smith Industries into Schlumberger Business systems.
- Worked as the Global Subject Matter Expert for Adexa APS systems worldwide.

SCHLUMBERGER HOUSTON PRODUCT CENTER

MANUFACTURING TECHNOLOGY MANAGER

January 2009 – January 2012

- Managed Manufacturing Engineering Staff
- Managed CNC Programming staff – EdgeCAM Solids Programming
- Managed Process Routing Staff
- Managed purchasing of machine tools and factory realignment to smooth product flow
- Managed Tool room and implemented automated tool storage system and perishable vending systems within Cribmaster systems
- Managed Machine Tool Maintenance and Preventive Maintenance Schedules
- Sourced and Implemented CIMCO as the CNC program storage, DNC, and tooling BOMs.
- Sourced and Implemented Kronos Time and Attendance system.
- Implemented standard tool pockets on all machines significantly reducing setup times.
- Designed and Implemented a Labor Department Certified Machinist Apprentice Program joining with local community college.
- Site Security Officer

SCHLUMBERGER HOUSTON PRODUCT CENTER

BUSINESS SYSTEMS MANAGER – TECHNICAL LADDER SENIOR III

June 2007 – January 2009

- Supported all QAD and Adexa Systems
- Designed .NET front end reporting system
- Designed Push/ Pull scheduling strategy, push into non-bottleneck queues and strict Kanban pull into bottleneck queues.
- Designed TCI and Oracle Adexa code to support full pegging, slack time scheduling logic

- Adexa global subject matter expert
- Implemented business systems for new manufacturing centers in Mexico and China
- Site Security Officer

SCHLUMBERGER HOUSTON PRODUCT CENTER

MATERIALS MANAGER – TECHNICAL LADDER SENIOR II

March 2004 – June 2007

- Managed planning staff
- Managed supply chain staff
- Acted as Inventory Manager and implemented cycle counting process.
- Supported global QAD and Adexa Systems
- Managed teardown of Houston GasLift factory and move to Bartlesville, OK

SCHLUMBERGER ADVANCED MANUFACTURING SYSTEM

SENIOR BUSINESS ANALYSIS – TECHNICAL LADDER SENIOR I

September 2001 – March 2004

- Member of team tasked to implement QAD, Adexa, and Cribmaster in eight Camco sites globally.
- Designed and Implemented data interface from MfgPro and Adexa.
- Implemented each site in 6 weeks each.
- Awarded QAD Rapid Implementer 2002
- Certified by Adexa as implementation consultant with honors

SCHLUMBERGER SUGAR LAND PRODUCT CENTER

PLANNING MANAGER – ADVANCED DRILLING SYSTEMS

1998 – September 2001

- Managed Buyer/Planners for a range of near bit sensor systems
- Sourced and prototyped a new rotary steerable system at machine shops in the Midwest and Northeast to keep sensitive IP out of shops in Houston and Texas

SCHLUMBERGER ANADRILL HQ – SUGAR LAND, TEXAS

GLOBAL PLANNING MANAGER

1994 – 1998

- Managed Master Planner and all planners
- Implemented Demand Solutions and designed MfgPro interface for spare parts forecasting
- Implemented the Buyer/Planner concept eliminating the traditional purchasing functions.
- Designed process for assigning suppliers to parts based on process capability and proven quality and delivery score with no quoting, all pricing based on process meetings. “Marry” the part to the supplier.

SCHLUMBERGER INTEGRATED STEERABLE SYSTEMS – SUGAR LAND, TEXAS

SENIOR TECHNICAL BUYER

1991 – 1994

- Recruited by Schlumberger from Sperry Sun into an engineering design group
- Planner for Johnston drilling tools – sourced out all component manufacturing into an Assemble & Test center
- Prototyped a range of new directional drilling tool systems, both mechanical and electrical, mud motors
- Prototyped and planned schedules for a range of LWD tools, Gamma, Density, Porosity, Resistivity, and Sonic.
- Participated in MfgPro implementation as lead in Planning and Supply Chain functions.
- Prototyped new PowerPac Mud Motor system

EDUCATION

University of Houston – 1978-2000 Mechanical Engineering – I did not finish my degree as my wife had advanced Multiple Sclerosis – I became a caregiver for several years.

Certifications – CIRM 1988, CPIM 1991. APICS Nationally Certified Instructor. Taught 1990-2001 at various companies. Taught internal Compaq Computer classes 1994-1998 evenings.

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