Raj Sanne

**6113 Commons Circle, Vicksburg, MS 39180**

#### Phone (501) 225-3367

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**Strong background in**

* Lean six sigma, Kaizen, JIT, KANBAN, Methods Engineering
* Plant Layout, Line Balancing, Value Engineering, Costing
* OPEX, Process improvements, Incentive Plans, Training,
* Safety, Ergonomics, Quality, DFT, DFM, BOM, Project Management
* BSIE with over two decades of progressive experience in manufacturing and service organizations.
* Proven track record of accomplishments in cost and flow time improvements.
* Excellent ability to assimilate and apply new concepts to support business solutions, profitability and long term growth.

**OBJECTIVE:**Looking for an interesting position where I can utilize my education and experience in lean six sigma, cost reduction, layouts and process improvements.

**PROFESSIONAL EXPERIENCE:**

**EATON LIGHTING SYSTEMS Vicksburg MS**

**Senior Lean Manufacturing Engineer** Nov 2013 to present 30% improvement in productivity of assembly cell through methods improvements 25% increase in productivity through layout and material presentation of assembly processes 50% space and set up improvements through consolidation of assembly cells Packaging improvements to reduce product shipping damage Root cause analysis and improvements in manufacturing, quality and supply chain Jigs and fixtures to improve processes $150k savings through Value Engineering 5S events to improve assembly lines Cross functional KAIZEN event to improve assembly line productivity by 25% Process, plant 5S Audits, plant VSM and layouts database maintenance

**Independent consultant January 2010 – 2013** LENNOX CORP GRANADA MS Industrial Engineer Sep-Nov 2012 25% improvement in output through improvements in- Methods change, maintenance, set up reduction and work order scheduling

**ACCURIDE CORP DECATUR, TX Industrial** **Engineer** March 2012 Layout, Time studies, Work instructions, Methods improvements, KANBAN 25% improvement in throughput of welding cell through line balancing

**THYSSEN KRUPP ELEVATOR MIDDLETON TN Manufacturing Engineer** Nov 2011- Jan 2012

$250,000 savings in forklifts operating costs within plant 30% reduction of fork trucks Plant consolidation through layout using lean principles, time studies for operational planning

**HALL MANUFACTURING LLC LITTLE ROCK AR Industrial Engineer** April-May 2011 Improved flow time through root cause analysis of issues like-non availability of material and other delays, time studies for production monitoring and capacity planning, tooling and fixtures for improving product quality and flow time

**REMINGTON RIFLES LITTLE ROCK AR** **Industrial Engineer** March 2011 Improvement in equipment uptime, improved utilization of maintenance technicians through methods change

**WELSPUN PIPES INC. LITTLE ROCK AR**

**Quality Engineering** Feb-March 2010 Tracking and monitoring of quality in plant, preparation of daily scrap and quality reports; Process audits

**HAWKER BEECHCRAFT CORPORATION Little Rock, AR Manufacturing Engineer - FT** May 2008 – Aug 2009

* Designed and implemented a point-of-use kitting system for assembly/installation processes
* Simulated and implemented a production flow system for aircraft completions
* Designed and implemented usinglean principles new layout and storage system for upholstery shop
* Lead time reduction through root cause analysis of turnaround time for vendor processed parts by 70%
* Outsourcing of sound proofing insulation material kits
* Cost reduction through CNC routing and kitting of honeycomb panels

**IC Corporation. Conway , AR Manufacturing Engineer (FT)** May 2006 - Feb 2008 Involved in process improvements, layouts, project management. Achieved

* 40% savings in flow time through layout improvements, ergonomics, material handling
* Implemented a new layout with in budgeted cost and time
* Identified $100k tooling, fixtures and torque tools for new product
* Designed, planned and implemented an assembly process for a new product
* Documented and established standards for various products, involved in continuous improvements, layouts, project management etc

**Contract Feb 2004 - August 2005**

**BOEING Aerospace Systems Support Center San Antonio, TX Industrial Engineer (contract*)*** June-Aug 2005 Production planning, scheduling and tracking progress of work Involved in **l**ean package implementation through process flow charting, precedence diagrams, employee involvement, time studies

**Gulfstream Aerospace Brunswick, GA**  **Industrial Engineer (contract*)*** Jan-March 2005 Achieved

* $600K savings
* 50% reduction in cycle time
* 70% reduction in standard hours
* 30% reduced space
* 50% material savings

Through application of lean manufacturing principles, cellular layout, value stream mapping, 5S, time standards, tooling, work instructions in upholstery shop

**Mid South Engineering Hot Springs, AR**  **Industrial Engineer (contract)** Feb – March 2004 Achieved $100k savings; 40% reduction in operational cost, 30% reduction in number of forklifts used in moving molten metal from furnace to pressure die casting machines; 60% reduction in handling cost reconfiguring plant layout

**Dassault Falcon Jet Corp- Little Rock, AR Industrial Engineer (FT)**Aug. 1999 - Sep. 2003 Achieved 40% savings in cost; 60% cycle time reduction; 30% material savings through process changes, lean manufacturing principles, line balancing, work station design, six sigma, kaizen, root cause analysis, cost benefit analysis, work instructions, time studies, process documentation.

**EDUCATION:**  Bachelor of Science-Industrial Engineering INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING, Mumbai, India (1982)  Bachelor of Science –Math, Physics, Chemistry, Osmania University, Hyderabad, India (1972) MBA–16 credit hours from University of Arkansas, Little Rock AR

##### PROFESSIONAL TRAINING

##### Lean manufacturing, Value stream mapping, Statistical process control. Multivariate testing, Activity based costing, DuPont Safety, CATIA, Solid Works, ACCESS, MS project management, ISO 9000 Knowledge and application of manufacturing concepts such as KAIZEN, JIT, Kanban, visual control, SAP, Quality tools, VSM, PDCADMAIC, A3, PFEP, TOC, ISHIKAWA Diagram, Line balancing. Member-American Institute of Industrial Engineers

##### Publications “Moving Things Less” article published in July 2012 issue of IIE Solutions “Heavy Metal Capacity” article published in February 2014 issue of IIE Solutions “Redesigning the cell” article published in April 2015 issue of IIE Solutions “Cellular compression” article published in November 2015 issue of IIE Solutions “Assessing your work load” article published in January 2016 issue of IIE Solutions “The evolution of incentive plans” article published in Jan-Feb 2016 issue of Industrial Management

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