

# LK. SAM SHARAN

Manager

A Business-focused and competent leader with a successful career of more than 15 years, targeting Strategic roles in Manufacturing Engineering, New Product Development and Green Fields with a reputable organization.

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## PROFILE SUMMARY

An accomplished Manager with more than 15 years of experience in Manufacturing Engineering, New Product Development and Green Fields projects. Resourceful Project Manager with ability to thrive in fast-paced and changing environments, while sustaining operational accuracy and delivering results for operational Profitability. Successfully driving enterprise-wide project management and process improvements initiatives. Capability of assembling Multi Model / Mixed Model assembly line design and development. Offers an in-depth understanding of project process from conception to close out. Proven track record for successful closure of technically complex projects implemented on a global scale across multiple facilities, led across diverse cross-functional teams. As a team leader and project manager, holds a record for the successful closure of numerous design control projects, validations, qualifications, and manufacturing implementations that have resulted in large revenues in product launches as well as maintaining business in sustaining and improvement projects. Demonstrated leadership skills that drive enterprise optimization goals and enhance organizational operations. Expert in leading the new product development process for specific products for a designated brand from concept generation to execution, ensuring timing, quantity and KPI's targets are achieved. Familiar with tools such as- PPAP, APQP, LEAN, SIX SIGMA and IOT.

Rigorous knowledge and management acumen in optimizing resources and working with different CRMs and managing complete project and engineering lifecycle. Gained understanding of Remote factory management system development, Automation projects, Lean Manufacturing System through VSM, PPAP submission for new program and New Product Launch. Deft in swiftly ramping up projects entailing planning, resource utilization, maintenance, quality management and manpower management and ensuring on-time delivery. Rich experience in managing processes and carrying out troubleshooting of process equipment; deft in developing and streamlining systems to enhance operational effectiveness. Possess excellent strategic thinking, analytical and interpersonal skills; an effective communicator and team leader with skills in crisis management, troubleshooting, team building and planning and managing resources.

## CORE COMPETENCIES



- Project Management
- Plant Operations
- Process Design
- New Facility Creation
- Troubleshooting
- Tool Management
- Automation / IoT
- Industrial engineering
- New product development

## CAREER TIMELINE



February 2016 - Present

**NSK Bearing India Pvt. Ltd.**

Manager HOD (Production Engineering Department)



September 2014 - January 2016

**Nokia Solutions and Networks India Ltd.**

Industrial Engineer and Automation Lead



April 2012 - August 2014

**GKN Driveline India Ltd.**

Senior Engineer (Process Engineering and New Product Development - Fixed Outer Race Manufacturing Cell)



June 2006 - March 2012

**Rane NSK Steering Systems Ltd.**

Executive

(Process Engineering and New Product Development)

## WORK EXPERIENCE

February 2016 - Present

**NSK Bearing India Pvt. Ltd.**

Manager HOD (Production Engineering Department)

### Key Result Areas:

- Coordinating with several functions including the contract manufacturing, engineering, technical transfer / product development, supply chain planning, purchasing, strategic sourcing, quality assurance, project management, and regulatory.
- Leading projects with Product Engineering, Manufacturing, and Quality to define, document, and implement the test requirements and methodologies for initial product qualification and production process readiness.
- Directing project management initiatives from conceptualizations through development, implementation and management.
- Leading the installation, testing and commissioning of all infrastructure and equipment related to the projects.
- Ensuring equipment Technical Documentation is updated with all improvements or modifications made.
- Developing and monitoring the use of appropriate KPI's to measure and improve the effectiveness of the key elements of the planning organization.
- Promoting a culture of continuous improvement with a solution focused mindset.
- Interfacing with suppliers and research development centers to research and develop new product and process design and technology concepts.
- Estimating manufacturing costs, determined time standards, recommended tooling and process improvements for new and existing scientific equipment and systems.
- Identifying best-in-class industry product development partners, establish business relationships, and negotiate development contracts to enhance organizational and portfolio excellence.
- Ensuring information is forwarded in a timely manner and made more accurate all along the development process.

September 2014 - January 2016

**Nokia Solutions and Networks India Ltd.**

Industrial Engineer and Automation Lead

### Key Result Areas:

- Determined all operational methods according to required work standards and analysed all information to resolve specific issues such as optimal utilization of personnel and materials.
- Coordinated with engineering department and outside suppliers and recommend changes to layout and maintain control on all labour and material costs.
- Ensured optimal utilization of all personnel and materials and provide support to all SPQRC processes and ensure achievement of all safety and cost objectives.
- Developed and maintain all multi variable standards and schedule all validation of designs and provide require training to staff and prepare documents for all methods and procedures for engineering processes.
- Provided support to all industrial budget and prepare design of facility layout and assist to handle all materials and equipment's and assist to improve all costs and analysed same and design plan to eliminate all waste from industrial processes.
- Led Automation Projects (I4.0) and VSM. Enhanced the VA ratio for the assembly time.
- Set production standards using appropriate industrial engineering techniques and coordinated results to concerned production units.
- Recommended production improvement methods to support changes in the production standards.

April 2012 - August 2014

**GKN Driveline India Ltd.**

Senior Engineer (Process Engineering and New Product Development- Fixed Outer Race Manufacturing Cell)

### Key Result Areas:

- Performed research and analysed new technologies, market innovations, standards, guidelines and competitor products.
- Identified, evaluated and developed sales leads for new products, expansion of existing product lines and sales channels.
- Developed and performed experimental process tests with respect to quality, method, cost, etc.
- Searched for best practices and innovative solutions which could improve production and quality rates.

## SKILLS

Manufacturing Engineering

Process Engineering / Control

Industrial Engineering

New Product Development

Factory Automation / IoT

Procurement / Installation

Automation Management

- Organized PPAP for new products and submitted PPAP for new programs.
- Prepared and approved product design and test plans, review design and recommend adequate changes to the approved models before actual role out of new products.

#### Achievements:

- Built new product with 10 PPM.
- Maintained Cost control in projects, managed program and adherence to program milestone.

#### June 2006 - March 2012

##### Rane NSK Steering Systems Ltd.

Executive (Process Engineering and New Product Development)

#### Key Result Areas:

- Analysed all facets of production and making recommendations for improvement.
- Diagnosed problems in the production line and providing recommendations and training.
- Prepared plants and process layouts, Assembly Process FMEA, Control Plans and Responsible for Development, procurement, installation and commissioning of assembly equipment's and material handling facilities, equipment's, machines etc.
- Worked on various phases including:
  - **Product Design and Development Phase** - Application of DFA tool at aggregate and components level.
  - **Pre - Production Phase** - Co-ordination and imparting training to manufacturing, Monitoring of Assembly Process during initial production batches, Establishment of assembly process, quality and time standards.
  - **Product ionization Phase** - Audits of processes and system, APPAP closure.
  - **Process Design and Development Phase** - Co-ordination with Manufacturing, Design and PPC team members for new models trials, pre- production batches.
  - **Product Concept Validation Phase** - Evaluation of product design / concepts for ease of assembly and disassembly.
- Prepared product design and test plans, review design and recommend adequate changes to the approved models before actual role out of new products.
- Approved prototypes of new designs, conduct performance analysis of prototypes and ensure assemblage of products follow company's quality parameters.

## PROJECT EXECUTED AND ACCOMPLISHMENTS

<b>Project:</b>	Implemented 50+ Automation and I4.0 projects, achieved through project management approach
<b>Duration:</b>	5 Years
<b>Project:</b>	Plant OEE Improved from 68% to 79% - Fixed cost reduction
<b>Duration:</b>	1.5 Years
<b>Project:</b>	Tooling cost reduced by 17% - Variable cost reduction
<b>Duration:</b>	1 Year
<b>Project:</b>	Labour productivity improvement by 3% - Fixed cost reduction
<b>Duration:</b>	1 Year
<b>Project:</b>	Factory expansion and Layout change with respect to LEAN manufacturing system through VSM
<b>Duration:</b>	2 Years and 6 months
<b>Project:</b>	Project manager - Plant expansion and Commercial vehicle line establishment
<b>Duration:</b>	2 Years

## PERSONAL DETAILS

#### Date of Birth:

11<sup>th</sup> October 1986

#### Languages Known:

**Speak** - Tamil, English, Telugu

**Read and Write** - Tamil, English

#### Present Address:

BE -105, Adhinath apartments, Mannivakam, Chennai- 600048

#### Permanent Address:

S/o C. Palanisamy, 11/87, MGR Nagar, Gold wins, Civil Aerodrome Post, Coimbatore – 641014

## EDUCATION

#### 2021

6 Months Course of Advanced data analytics for Managers  
IIM Kozhikode

#### 2013

B.E (Automobile Engineering)  
Anna University

#### 2006

Diploma in Mechanical Engineering