

# **SURAAJ CHARANKAR**

## **Project Engineer**

North Wales, PA - Email me on Indeed: [indeed.com/r/SURAAJ-CHARANKAR/c0b6bc01e9cc00f6](https://indeed.com/r/SURAAJ-CHARANKAR/c0b6bc01e9cc00f6)

Seeking an opportunity in field of Industrial Engineering, Supply Chain/Logistics and Project Management.

## **WORK EXPERIENCE**

### **Project Engineer**

Semikron Inc. - Hudson, NH - November 2008 to Present

- Primary responsibility of Project Management. My job is to ensure that all electrical based projects are completed safely, within schedule and budget from start to end.
- In doing so, act as a liaison to Operations, Manufacturing and Engineering & Sales. Address and trouble shoot different issues faced during day-to-day activities on projects.
- As a Design Engineer, managing mechanical aspect of projects like creating production drawings and bill of materials using Solidworks and AutoCAD and handling all engineering documentation as per TS 16949 environment as well ISO: 9001 standards.
- Working actively on Design and Development of New Products (NPDP), which incorporates processes from creating a new product from conceptual stage until the product launch.
- Assisting in quality control related projects involving FMEA and finding Root Cause Analysis.

### **Industrial Engineer/Project Engineer**

Operation Concepts Inc - Cherry Hill, NJ - April 2008 to November 2008

- Implemented fundamentals of Industrial Engineering and Operation Research in various companies on different projects.
  - Applied and implemented concepts like Time Studies, Work Measurement, Line Balancing, Forecasting, Material Flow Analysis, Value Stream Mapping, Six Sigma- (DMAIC) & Facilities design.
  - Software experiences in AutoCAD, Ms Visio, Ms Access, Ms Excel and Minitab.
  - Secondary responsibility involved overseeing day to day project activities, project bidding, sending out proposals and efficient costing.
- General Electric (Wind Energy Division), Erie, PA - Gearbox production facility: Provided future conceptual layouts in designing new facility, Conducted Material Flow Analysis, and recommended new material handling equipments based on forecasting of production demand.

- Scientific Design Inc., Little Ferry, NJ - Catalyst Manufacturing Plant: Re-engineering of the manufacturing process to achieve efficiency. Conducted Time Studies to eliminate bottlenecks in the process and performed project costing. Gained experience while conducting Vendor Evaluation and did qualification of the supplier while creating RFP/RFQ's for procurement of the new equipment.

- Munters Corporation, Buena Vista, VA - HVAC Equipments production facility: Scheduling, Data Management & Value Stream Mapping using MS Access, MS Project, and MS Visio. Performed Time Studies and Assembly Line Balancing

## **ADDITONAL EXPERIENCE**

### **Project Intern- Bachelors Curriculum**

Larsen & Toubro Ltd - Mumbai, Maharashtra - May 2004 to May 2005

- Implemented concepts like Value Engineering, Six Sigma, and Lean Manufacturing using Six Thinking Hats through continuous improvement projects in a team environment.
- Standardized designs and Improved quality by providing successful Eco-Friendly Packing Design.
- Created a database, which monitored the validation and calibration of all inventory products using KANBAN System (Inventory Management).
- Applied DMAIC methodology for improving the sigma level using Statistical Process Control and Statistical Quality Control Techniques for a product.

### **Engineer Trainee- Bachelors Curriculum**

Larsen & Toubro Ltd - Mumbai, Maharashtra - June 2001 to December 2001

- Worked in four different departments (Switchgear division) of the company.
- Assisted in designing innovative products and process improvements in planning department.
- Worked as a Press Operator in Press and Molding Shop and worked on projects to improve their throughput efficiency and production.
- Performed equipment installation checks and validations on new equipments
- Worked with R & D Department for new product development method (NPDP).

### **EDUCATION**

#### **Master of Science in Industrial Engineering**

State University of New York at Buffalo - Buffalo, NY

January 2006 to January 2008

#### **Bachelor in Engineering in Mechanical Engineer**

University of Mumbai, India - Mumbai, Maharashtra

January 2002 to January 2005

### **SKILLS**

AutoCAD, Solidworks, Project Management, Ms Project, Ms Access, SQL, Six Sigma, Time Studies, VSM, Lean

### **ADDITIONAL INFORMATION**

#### **SKILLS**

Industrial Skills: Conducting Time Studies, Project management, Facility/Warehouse Concept Designing, Six Sigma (DMAIC), Vendor Evaluation, Value Stream Mapping.

Computer Skills: MS Visio, Ms Project, AutoCAD, Solidworks, Simulation-ARENA, Rhino-3D, Pro-E, Minitab, Ms Office/Windows, C++, VB.

- 8 years of Strong Academic Background, 2+ years of diversified Industrial experience.
- Good project planning skills, and problem solving abilities.
- Quick-Learner, Hardworking, and Dedicated team person. (Studying for CPIM Certification)