




# SONU KUMAR

SENIOR MECHANICAL & PIPING ENGINEER

 KANTI, MUZAFFARPUR, BIHAR, INDIA-843108

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 Lt.sonukumar@rediffmail.com

D.O.B: -12<sup>TH</sup> JAN-1994

Proficient Mechanical Project Engineer with more than **7 years** of experience driving over **5 projects consist of piping, steel structural, equipment installation and its subsidiaries works** to completion. Skilled in overseeing technical staff, resources mobilization & their utilization and checking that projects are completed on schedule, within budget and according to specifications and under scope.



## Skills

- **Microsoft project and primavera**
- **Basic sap and ERP**
- **Basics & Advance EXCEL**
- **AutoCAD 2D & 3D**
- **Revit**
- **PDMS**
- **CAESAR (PIPING SRESS ANALYSIS)**
- **Tekla structural designing**
- **Piping designing**
- **Piping stress analysis**
- **Project management**
- **Leadership**
- **Team builder**
- **Written and verbal communication**
- **Drafting skills**
- **Effective analysis**
- **Efficient observation**
- **Planning scheduling and controlling of project**



## Work History

MAR'2020 - Current

### PROJECT PLANNING ENGINEER

TRIMURTI FABRICATORS Pvt. Ltd.

**(JOB DETAIL- SHUT- DOWN, EQUIPMENT INSTALLATION, PIPING ERECTION, STEEL STRUCTURE ERECTION)**

(SUPREME PETROCHEMICAL PVT. LTD. RAIGARDH, MAHARASTRA)

APRIL'2020 -MAR' 2022

### SENIOR PROJECT ENGINEER

AKR FABRICATORS AND ERECTORS, PARADIP, ODISSA

AKR FABRICATORS AND ERECTORS, BARAUNI, BIHAR

**(JOB RESPONSIBILITY- EXECUTION & PLANNING FOR SHUT- DOWN, PIPING FABRICATION AND ERECTION, STEEL STRUCTURE FABRICATION AND ERECTION)**

(IOCL REFINERY PARADIP, LTHE LSTK-2 OFFSITE UTILITIES UNIT & HURL FERTILIZER, LTHE AMONIA SYNTHESIS UNIT BARAUNI, BIHAR)

MARCH'2019-APRIL'2020

### SENIOR PROJECT ENGINEER

S. ENGINEERING PVT. LTD., HALDIA, WEST BENGAL

**(JOB RESPONSIBILITY- PLANNING AND EXECUTION OF STEEL STRUCTURE ERECTION, PIPING FABRICATION AND ERECTION)**

(COKE DRUM UNIT, IOCL REFINERY HALDIA, WEST BENGAL)

APRIL'2018-JUNE' 2019

### SENIOR PROJECT ENGINEER

AKR FABRICATORS AND ERECTORS, JAMANGAR, GUJARAT

**(JOB RESPONSIBILITY- PLANNING FOR PIPING FABRICATION AND ERECTION)**

(RIL J-3 JAMANAGAR, LTHE ROGC, MEG, SEZ, DTA and C2 COMPLEX UNIT)

JAN'2017 – APRIL' 2018

### PROJECT SITE ENGINEER

AKR FABRICATORS AND ERECTORS, BHARUCH, GUJARAT

**(JOB RESPONSIBILITY -EXECUTION OF STRUCTURAL STEEL ERECTION)**

(DMD RIL DAHEJ BHARUCH, LTHE PTA UNIT)

### PROJECT SITE ENGINEER

**(JOB RESPONSIBILITY -EXECUTION OF STRUCTURAL STEEL FABRICATION AND ERECTION)**

AKR FABRICATORS AND ERECTORS, MANGALORE, KARNATKA

(MRPL PHASE -3<sup>RD</sup>, LTHE DHDT, RR PCKAGE UNIT, HGU UNIT, OMLP LSTK-2 UNIT)

**(NOTE -LTHE IS "LARSEN AND HYDROCARBON ENGINEERING")**

NOV'2015 to NOV'2016



## **JOB RESPONSIBILITIES (CURRENT HOLDINGS)**

- Communicated with industrial equipment installers to deliver technical support throughout project execution.
- Liaised with company executives and project managers to acquire resources to move projects forward.
- Recommended organization process improvements to grow throughput figures and reduce time to complete jobs.
- Monitored metrics during project execution to maintain compliance with planned costs, schedules, and goals.
- Monitored installation of materials and equipment for compliance with drawings and specifications.
- Provided technical direction of system development methodologies to support improved technical performance.
- Assessed impact of modification requests for ongoing projects, providing documentation on required changes and expectations.
- Determined and scheduled priorities as required to progress engineering work.
- Reviewed contractor proposals and sets of drawings prepared by firms to identify missing information, generate questions, and align budgets.
- Mentored and trained junior engineers in workstation design, fixture design, layout, process, work methods and material handling.
- Maintained records of cost and quantity information for each project and engineering discipline.
- Made recommendations to improve design, construction means, and methods and materials based on field or changing conditions.
- Supported leaders throughout decision-making and launch by providing regular compliance reports to drive process improvement and corrective measures.
- Planned and managed engineering projects and continuous improvement programs to reduce labor and costs.
- Reviewed progress controls for project quality assurance, health, and safety.
- Evaluated change order requests in response to out-of-scope work activities and developing field conditions.
- Performed constructability reviews encompassing independent, structured assessment of construction bid documents.
- Identified and mitigated technical risks within managed projects.
- Completed daily construction tasks while providing safe working.



## Education

MAY-2022

### Microsoft project training

MASTER OF PROJECT ACADEMY, ONLINE CLASSES

MAY-2022

### Lean six sigma green belt

MASTER OF PROJECT ACADEMY, ONLINE CLASSES

MAY-2022

### PG DIPLOMA IN PIPING DESIGN ENGINEERING

UDEMY ONLINE CLASSES

JUNE'2011 – NOV'2015

### B TECH: MECHANICAL

DR. RADHA KRISHANAN INSTITUTE OF TECHNOLOGY - JAIPUR RAJASTHAN  
SECURING MARKS -66%

### 12TH: SCIENCE

R.C.N.D COLLEGE - KANTI MUZAFFARPUR BIHAR  
SECURING MARKS-61 %

MARC'2008 – APR'2010

### 10TH: GENERAL

BARAKAGAON HIGH SCHOOL KANTI - KANTI MUZAFFARPUR BIHAR  
SECURING MARKS-66%

**SONU KUMAR**

