**KUSHAL RAY**

**Contact No.:** +91 07003892633; 09790923623 | [**E-Mail:**kushal4517@gmail.com](mailto:kushal4517@gmail.com) **Passport No**: N0613345 valid till 17/06/2025

**Project & Site Execution / Coordination / Plant Equipment & Machineries**

*An enthusiastic & high energy driven professional with 5+ years of experience aiming for challenging assignments as* ***Assistant / Project Manager*** *with a reputed organization in* ***Construction/ Power/Oil and Gas*** *sectors*

*Location Preference:* ***India and Overseas***

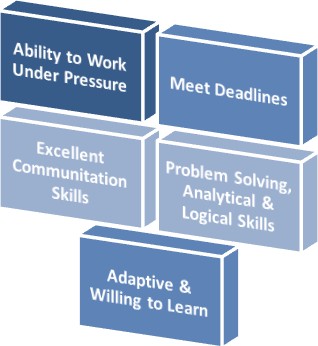
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| **Key Skills**  ***~ Project Management***  ***~ Thermal Power Plant Operations***  ***~Operation & Maintenance***  ***~ Plant Equipment & Machineries***  ***~Port & Stockyard Equipment***  ***~Erection & Commissioning of Heavy Equipment***  ***~Fabrication of Heavy Structures***  ***~Planning and Billing for Clients***  ***~ Productivity Enhancement***  ***~ Project Planning & Execution***  ***~ Quality Control***  ***~ Cross-functional Coordination***  ***~ Safety Management***  ***~ Process Engineering*** | **Profile Summary**   * Versatile, accomplished & goal-oriented engineering management professional with expertise in **managing projects and operations in a wide range of industrial settings.** * Background includes commendable success in **Power Plant, Steel Plant and Chemical Plant management activities.** * Completed Certified Course in Primavera for Project Management * Exhibits a strong and firm approach for sustaining / **encouraging safe work environments, and a demonstrated ability to streamline operations** * Applies **continuous improvement principles** to increase process and maintenance efficiency and company profits * Expertise in handling project execution, implementing plans & schedules for maintenance and annual turnaround with focus on **optimum utilization of manpower and materials** * Proven track record in **implementing cost saving measures** to achieve substantial reduction in terms of raw materials, manpower and machine utilization * Exceptional resource-balancing skills with the ability to **handle machines breakdowns, preventive maintenance, planned maintenance, overhauling, product development & inventory control** * **An effective multi-cultural communicator** with strong analytical and problem solving abilities |

# ORGANIZATIONAL EXPERIENCE

**Since Feb’13with D K Industries, Hyderabad as Senior Engineer**

*Role:*

* Preparing project baselines; monitoring and controlling projects with respect to 

cost, resource deployment, time over-runs and quality compliance to ensure satisfactory execution of projects

* Overseeing strategic planning, analysis of Power Plant Projects including selection of Technology Partner, Engineering Consultants, etc.
* Monitoring plant efficiency, preparing monthly progress report & schedules, power and energy production cost report; initiating new schemes for formulation, sanctions and implementation
* Anchoring erection & commissioning operations and ensuring completion of project in minimum turnaround time with effective resource utilization to maximize the output
* Overseeing installation & commissioning as well as conducting tests & inspections to ensure operational effectiveness of utilities; planning & effectuating maintenance plans for machines and equipment
* Executing operations of various equipment / systems in combined cycle power plant ensuring execution of activities; rendering assistance in commissioning of power plant equipment for planned shutdown/ overhauling, etc.
* Coordinating projects with accountability for strategic utilization & deployment of available resources to achieve organizational objectives
* Monitoring implementation & documentation of quality systems; managing techno-commercial activities relating to O&M contracts and procurement of utility equipment
* Shouldered the responsibility of handling of:
  + Scheduling the Fabrication Plan according to Erection Flow Chart and execute the schedule plan
  + Billing of RA Bills for Clients
  + Analyzing and dealing with the practical problems in Fabrication and Erection Yard with clients
  + Reducing rejection and re-work by various improvements in the Fabrication Yard
  + Coordination between the store department and planning department for the implementation of macro plan & micro plans
  + Analysis and taking counter measure against Quality Defects, Rejection, and Reworks
  + Preparing Documentations like Material Planning, Fabrication Inspection Report, and Check list for Machineries and Maintaining Erection Protocols
* Spearheading overall planning and execution of manpower, materials and machines during shutdown and breakdown related activities
* Leading the team of skilled Technicians and Fitters for day-to-day preventive/ shutdown and breakdown maintenance
* Rendering services as per the parameters of water treatment plant
* Working in coordination with the Maintenance Department w.r.t. preventive, schedule and master maintenance planning operations
* Streamlining various measures to enhance productivity

# Major Projects

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| **Project:** Erection Work for Refurbishment of  Smelting Plant at Gujarat Copper Project (A unit of HCL)  **Client:** Hindustan Copper Limited  **Period:**Nov’17 – May’18 | **Description:** Dismantling and Refurbishing of Plant Equipment, Commissioning and  Installation such as Kaldo Furnace, Slag Launder, Scrubber Area, ETP, Duct Area…etc. Dismantling and Erection of Pipes of 50NB upto 300 NB for Waterline and Caustic line. Dismantling all hoses for Oxygen flushing line and Erection the same. Fabrication & Erection of Structures and Duct of 180 Meters. |
| **Project:** Fabrication, Erection & Alignment Of Building Structures of KR Building at Steel Melting Shop #1 & #2 with all Equipment.  **Client:** JSW Steel Ltd.  **Period:**Jan’16 – Oct’17 | **Description**-: Execution of Steel Structures and Heavy Equipment Machineries. Erection of Columns and Heavy Equipment Machineries at different elevations for Steel Melting Shop. Fabrication and Erection of all Structures and Equipment for Blast Furnace. |
| **Project:** Fabrication, Erection, Testing & Commissioning Of Structural in 4 X 600 MW Thermal Power Plant  **Client:** Meenakshi Engineering Power Ltd.  **Period:**May’15 – Jan’16 | **Description**-: Completed the fabrication & erection of structure (Structural Erection of Crusher House and Gallery for Conveyors, consisting of Beam, Rafter, Bracing, etc. at different elevation)in minimum turnaround time with effective resource utilization |
| **Project:** Fabrication, Erection, Testing & Commissioning Of Structural in 2 X 600 MW Singhithirai Thermal Power Plant  **Client:** Athena Chhattisgarh Power Plant Ltd.  **Period:**Jul’13 – Apr’15 | **Description**-: Involved in the fabrication & erection of gallery for conveyors, consisting of Beam, Rafter, Bracing, etc. at different elevations and Ground Assembly Rail for Plough Feeder). Anchoring erection and alignment operations of Stringer Post, Idler Frame, Idler etc. |
| **Project:** Erection and Commissioning of 1 No. 700L Bucket Wheel Excavator at Neyveli  **Client:** Neyveli Lignite Corporation  **Period:**Feb’13 – Jun’13 | **Responsibility:** Worked on the assembly & erection work of under carriage &erection of pylon, counter boom, bucket wheel, counter weight along with the arrangement of machineries & materials |

**Education**

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| 2018 | Certified Program in Primavera P6 software from Synergy School of Business, Kolkata |
| 2017 | MBA in Operation from ICFAI University, Sikkim |
| 2015 | Certified Program in Material Management from Symbiosis Institute, Pune |
| 2013 | B.E (Mechanical) from Anna University, Chennai |

**IT Skills**

* MS Office – Word, Excel, Power Point
* Design Tools – Auto Cad, Solid Works, ANSYS
* Planning Tool – Primavera P6 Software

# Trainings

* 15 Days Minor Training on Fabrication of Railway Compartments &Weight Calibration at Indian Coach Factory
* 15 Days Minor Training on Wheel Alignment, Assembly of Power Steering, Hydraulic Brakes at Rane Steering Factory
* 7 Days Minor Training on Boiler Maintenance Division at Ennore Thermal Power Plant

# Extracurricular Activities

* Represented College team in Inter College Cricket Competition held in year 2010
* Coordinator of “National Conference on Emerging Technologies” in Mechanical Engineering
* Attended Inter College Seminars for Robotics, Production and Control in year 2012

# Personal Details

Date of Birth: 21st August 1989

Address: 44/6 Narayan Ray Road, Udayan Pally, Barisha, Kolkata -700008 (WB)

Languages: English, Hindi, Oriya, Tamil, and Bengali

Passport Number: NO613345

Expiry Date: 17/06/2025