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| A versatile professional with **5 years** of rich experience in managing and analysis project (mechanical) / engineering services by implementing, product development, product line engineering and technical  support of static and rotating equipmentin Germany and India  Targeting assignments in: **Project Mangement| Oil, Energy & Power plant Engineering| Construction| Estimation Management**  Target Location: **UAE|GCC**  **SHAHEED**    [**shaheed.375552@2freemail.com**](mailto:shaheed.375552@2freemail.com) | |
| **Executive Profile**   * Merit of managing design engineering operations involving requirement analysis, product design & development, coordination with internal departments, process developments & technical evaluations   Operations & Maintenance  Project Planning & Scheduling  Process Enhancement  Safety/Environment Compliance  Resource/Cost Optimization  Quality Assurance & Compliance  Equipment Planning & Management  Team Management & Leadership   * Comprehensive exposure in end-to-end development of engineering products from requirement analysis to product launch, to include, solution architecting, concept design, detailed design, check the drawings in PLM Teamcenter models, prototype development, production releasing & project execution methodologies using tools Solidworks, Unigraphics& ANSYS; skilled in managing clients & delivering innovative solutions for client’s business problems processes * Expertise in delivering quality projects for making effective utilization of man, machine, method & materials, process improvements, product design and operational excellence * Capability to network with Clients, Vendors, Project Engineers, Mechanical Supervisors and other utility agencies with consummate ease * Possess knowledge of OHSAS, ISO&TS Environment, Fire and Safety and Environment Management System (EMS) * Resourceful in communicating feedback and making presentations to principals, clients and senior management for effectuating modifications in products, improving performance and improving product reliability * An enterprising leader with capabilities in leading multi-skilled motivated teams to achieve organizational goals   **Knowledge Purview**   * Managed and made changes in BOQ using SAP * Checking the drawings and material properties in Siemens PLM Teamcenter * Executed the project of all static and rotating pressure vessels following IBR-ANSI and ASME sec 8 pressure vessels review of P&ID diagrams, and Pump hydraulic calculations, safety considerations in process design * Calculating quantity for BOQ/Tender, Invoicing, Estimation, Budgeting, Measurements of work, Extra Items with Rate Analysis & Deviation * Philosophies, boiler and pressure vessel code, Design of shell and tube heat exchanger, line sizing using API RP 14E, Relief valve sizing using API 520 & 521, Mechanical Seals API 682 * Commissioning of * Conveyor / pneumatic systems, hydraulic, heat exchangers, cooling towers & gearboxes * Pressure vessels in circulating pumps, feed water pumps, fluidized combustion boilers&condensing steam turbine | **Key Impact Areas**  **Key Skills**  Communicator**Collaborator**  Intuitive**Innovator** Analytical  **Motivator**  TeamBuilder  **IT Skills**   * **Simulation:** Ansys, Workbench and Multi Physics, Alpha-numerics * **Design:** Solidworks, Solid-edge, AutoCAD, Creo, Siemens NX * **Computer System:** SAP, Siemens PLM Teamcenter, Digital Mockpit, * **Microsoft Office:** Word, Outlook, Excel, PowerPoint, Lotus * **Operating System:** Windows XP, Vista, 7,8,10 |
| **Education & Credentials**   |  |  |  | | --- | --- | --- | | 2011  Bachelor of Mechanical Engineering from Visvesvaraya Technological University, India  Colloge: PDA College of Engineering, Gulbarga Karnataka, India | 2014  Masters in Power Engineering (Static and Rotating equipment) from Brandenburg Technische Universität Cottbus, Germany | 2014  Diploma in Product Design and Analysis using Solidworks and Ansysworkbench from CADD Center Mumbai, India |   **Professional Experience**    **Since Jan’15: Thyssenkrupp,Germany as Mechanical Maintenance and Project Engineer (Enlivening Technologies Hamburg)**  *Worked on* ***European Union Submarine Project 453 on Production Planning*** *of pipes in various sections entailing billing using SAP, value & balance analysis and product engineering*  **Mar’11 to Oct’12: ACC Captive Thermal Power Plant, India.as Mechanical Engineer (Static & Rotating Equipment**  **Key Result Areas:**   * Establishing project review, monitoring and status reporting procedures to accurately report progress of the project to the stakeholders - engineering department, & consultants and end user clients; managing end-to-end project operations from planning to monitoring the entire activities and final execution for the new product development * Monitoring development with respect to cost, resource deployment, time overruns and quality compliance; evaluating production progress & took adequate corrective actions * Troubleshooting all technical problems of various pumps, compressors, fans and blowers; conducting various tests & inspections to ensure that products developed are in compliance with preset quality specifications * Ascertaining requirements of material for development activities in the tool room & interfacing with vendors for cost effective, timely sourcing of quality material used in the pipe SAP; reporting vendor documents of entangled partner company * Alleviating new product development initiatives with key focus on QCD (Quality, Control & Delivery) * Conducting root causes analysis in case of loss of market share & conceptualizing strategies to enhance the market share * Arranging of spares, coordinating and performing scheduled maintenance (TBM) and condition based maintenance (CBM) activities * Studying drawings, plans or patterns of structures to be made or repaired as per requirements and updating the database of drawings and parts * Eliminating redundant / obsolete processes in the design, development processes and working towards value-addition * Administrating the fabrication and erection activities hopper, transition piece, supporting structures, trusses, ducting, cyclones, riser duct, kiln inlet and outlet hood; verifying the properties of pipes in SAP and databank using DMU (Digital Mockpit) * Supervising installation & commissioning as well as conducting tests & inspections to ensure operational effectiveness of utilities; planning & effectuating maintenance plans for machines and equipment * Preparing: * Bill of materials of the pipe models in SAP according to marine standards * maintenance schedule/manuals, attending daily maintenance, preventive, and predictive maintenance * Keeping records of daily activity report, breakdown report, shutdown report, lubrication and greasing report. Daily maintenance checklist   **Highlights:**  **At Thyssenkrupp Systems Kiel and Hamburg, Germany**   * Invoicing, Bill of quantitites, extracting material properties and reporting using SAP and PLM Team Center * Troubleshooting all technical problems of various pumps, compressors, fans and blowers; conducting various tests & inspections to ensure that products developed are in compliance with preset quality specifications * Recorded zero unsolved customer / supplier related complaints defects, this was mainly achieved through **lean six sigma** measures * Successful in reducing and saving overall maintenance costs by **30%** in production planning and fabrication of pipes through effective roll-out initiatives   **AtACC Captive Thermal Power Plant, India**   * Designed plan, erected and commissioned team of 2 phase 300MW coal based Captive Power Plant * Recognized for commissioning of Static and Rotating equipment for third party client SOJITZ South Korea * Maintained start-up shutdown of safety valves and pressure parts during peak and off peak loads   **Academic Projects/ Thesis**   * Major modules in Power plant Technology, Control Engineering, Carbon Capture Storage, Power plant Thermodynamic cycles * Master Thesis on “Thermal Characteristics and Elastohydrodynamic Analysis of Mechanical Shaft Seals used in Pumps‟ * Module and Seminar on Combined Heat and Power Co-Generation * Major Modules in Thermodynamics, Finite Element Methods, Fluid Mechanics, Automatic Control Engineering, Kinematics and Dynamics of Materials, Strength of Materials, Design of Machine elements * Bachelor Thesis in “Performance of an Internal Combustion Engine using Compressed Natural Gas as an Alternate Fuel‟   **Internships**  **Organisation:** TRUMPF HüTTINGER GmbH + Co. KG FREIBURG 79111  **Duration:** Jan’14 to Jun’14  **Role:** Intern in Design and Industrial Engineering  **Organisation:** FRANKE AQUAROTTER GmbH LUDWIGSFELDE D-14974  **Duration:** Jun’13 to Dec’13  **Role:** Intern in Product Development and Marketing  **Conferences/ Seminar Attended**   * Publishd& participated in: * “Thermal Characteristics and Elastohydrodynamic Analysis of Mechanical Shaft Seals used in Pumps”, Brandenburg University of Technology, Cottbus, Germany, 2014 * “Integration of Renewable Energy Technologies into the Decentralized Energy Supply Systems in Developing Countries”, International DAAD & BTU Summer School, Cottbus, Germany, 2013 * “Combined Heat and Power Co-Generation”, Brandenburg University of Technology, Cottbus, Germany, 2013 * “Performance of an Internal Combustion Engine using Compressed Natural Gas as an Alternate Fuel”, PDA College of Engineering, Gulbarga, India, 2011   **Membership**   * Active member of: * American Society of Mechanical Engineers ASME since 2014 * Deutsche Hannover Messe since 2014 * The Association of German Engineers VDI since 2014   Personal Details  **Date of Birth:**31st August 1989  **Languages Known:** Arabic,English, Hindi, Urdu, Kannada and German (Intermediate)  **Passport details:** Indian valid till: 10.11.2027  **German Visa:** German Residence Permit, valid:15.02.2018  **Driving License:** German Driving License, Valid:15.08.2032  **Current Address:** Sharjah UAE  **Current Net Salary:** 2000 euros/month  **Expected salary:** 6500 AED  **Notice Period:** Immediately | |