|  |
| --- |
| 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 technicalsupport of static and rotating equipmentin Germany and IndiaTargeting assignments in: **Project Mangement| Oil, Energy & Power plant Engineering| Construction| Estimation Management**Target Location: **UAE|GCC** **SHAHEED****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 & MaintenanceProject Planning & SchedulingProcess EnhancementSafety/Environment ComplianceResource/Cost OptimizationQuality Assurance & ComplianceEquipment Planning & ManagementTeam 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**

|  |  |  |
| --- | --- | --- |
| 2011Bachelor of Mechanical Engineering from Visvesvaraya Technological University, IndiaColloge: PDA College of Engineering, Gulbarga Karnataka, India | 2014Masters in Power Engineering (Static and Rotating equipment) from Brandenburg Technische Universität Cottbus, Germany | 2014Diploma 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 |