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Discovery Gardens, Dubai,

Objectives

Seeking a job as a mechanical engineering where I can use my extensive experience to help your organization achieve its goal of excellence in the mechanical engineering industry.

Core Competencies

Professional Competence

Software technical proficiencies include AutoCAD, Solid works, Rhino, SAP, Creo parametric 3D, ANSYS, MATLAB, MS Projects and MS Office Suite.

Research and design proficiencies include Finite Element Analysis, Project Planning, ISO & Safety Compliance, Statistical/Process Analysis, Manufacturing specifications, Design & Validation.

Dynamics & Personal Competence

Innovation, Creativity, Critical Reasoning

Self-Motivated, Enthusiastic, Resilience

Professional Certification & Academic Qualifications

CSWIP 3.1-II 2023

TWI Certification Ltd, UK

BE- Mechanical Engineering 2018

Khawaja Fareed University of Engineering & Information Technology, Punjab Pakistan

Career Summary

Professional mechanical engineer and certified welding inspector with more than 5 years of experience in project management, design, development, and quality assurance. Expert in CAD operation, and skilled producer of documentation and drawings associated with mechanical engineering. Recognized for a keen ability to improve design components, increase product and manufacturing efficiency, and decrease the constant need for re-engineering.

Career History

Production Engineer

at Ghalib International Pvt Ltd

2020 - 2023



Responsibilities:

- ❖ Develop and implement production processes optimize efficiency and quality
- ❖ Create and maintain production schedules and ensure timely job completion.
- ❖ Analyze production data and provide regular reports of performance.
- ❖ Collaborate with the Quality Assurance team to ensure that all products meet our quality standards.
- ❖ Work with the Production Manager to develop and manage the departmental budget.
- ❖ Maintain and update production records and ensure accuracy of all data.
- ❖ Provide technical support to the production team as needed.
- ❖ Ensure compliance with all safety regulations and company policies.
- ❖ Undertake production planning and timely provision of raw material to the production lines, meeting the production deadlines to assure the in-time delivery of order to the customer.
- ❖ Inspect and assure Quality of Product according to the ASME 31.3 ASME16.9, ASME16.5, ASTM312, ASTM269 (Stainless Steel Tubes, Pipes, Pipe Fittings & Flanges, Storage Tanks) and Processes (cold forming, Welding & Fabrication, welding parameters/WPS, calibration, polishing, pickling)
- ❖ Witness Welder Qualification Test as per ASME section IX
- ❖ Raise NCRs against non-conformances found on site.
- ❖ Obtain and Analyze results through Destructive Testing (Flaring/expansion test, Flattening test, Hardness Testing, Tensile Testing) and NDT (PMI XRF Analyzer, Eddy Current Test, Hydrostatic testing, Visual Inspection, Dye Penetrant Testing according to the ASME SEC-V standards)
- ❖ Meeting with clients, inspecting in-house and customer's site, documentation, and presentation of the findings, and assuring the customer satisfaction.
- ❖ Implement and maintain the Quality and Environmental Management Systems i.e. ISO 9001, ISO 14001 throughout the organization by taking part in the Internal and External Audits

Career & Educational Achievements

Awarded Employee of the month July 2019, at Hualu Engineering & Technology

Got 1st Position in Doctor Genius quiz competition held at KFUEIT

Got 100% Scholarship Pre-engineering

Engineering Softwares

AutoCAD 

Solid work 

Creo parametric 

ANSYS 

Computer Skills & Proficiency

MS Word 

MS Excel 

MS Outlook 

Languages & Proficiency

English **Fluent** 

Hindi **Native** 

Arabic **Basic** 

Social Activities

- ❖ Volunteer work
- ❖ Community involvement
- ❖ Social media

Personal Information

- ❖ Date of Birth: 25-Dec. 1995
- ❖ Visa Status: Visit visa 14,Oct 23
- ❖ Marital Status: Single
- ❖ Driving License: Pakistan

Project Engineer

Hualu Engineering & Technology Co. Ltd 2018 - 2020



Project: PARCO MCR Revamp Package-II

Client: PAK ARAB REFINERY LTD (PARCO)

Responsibilities:

- ❖ Project planning: Developed project plans, scopes of work, and timelines for oil and gas industry projects.
- ❖ Budgeting: Established project budgets and monitor spending to ensure projects are completed within budget.
- ❖ Project management: Overseen all aspects of the project, including design, procurement, construction, and commissioning.
- ❖ Coordination: Coordinated with other project team members, such as engineers, contractors, and vendors, to ensure project objectives are met.
- ❖ Risk management: Identified and mitigated project risks to ensure project success and safety.
- ❖ Documentation: Maintained accurate project documentation, including project plans, progress reports, and technical specifications.
- ❖ Quality assurance: Ensured that all project deliverables meet the required quality standards.
- ❖ Safety: Ensured that all project activities are conducted in compliance with safety regulations and company policies.
- ❖ Communication: Communicated with project stakeholders, including clients, contractors, and management, to ensure project success.
- ❖ AutoCAD, Piping Design, Piping and Instrumentation Drawing (P&ID), Isometric Drawings
- ❖ ASME Sec VIII, ASME Sec IX, ASME Sec V, Computer-Aided Design (CAD), Commissioning, Punchlist clearance, Piping and Instrumentation Drawing (P&ID), Isometric Drawings, Steel Structures, Teamwork Work Management Health & Safety, Workforce Management

Internships

Thermal Power Station Multan, PK



PEL Electronics, Lahore, PK



Final Year Project

Energy Generation through speed humps (Design & Fabrication)

- ❖ Conversion of mechanical energy into electrical energy
- ❖ Vehicle passes over the humps, the mechanism works, i.e. rack moves down which rotate the shaft of the generator
- ❖ Generator produces enough electricity to the street lights.