

ANTO JOSEPH

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EDUCATION

M.S Data Analytics, Technical University of Shannon Midwest, Limerick
B.Tech Mechanical Engineering, Mahatma Gandhi University, Kerala, India

Dec 2021
Nov 2013

SKILLS

Asset Management, Preventive Maintenance, Corrective Maintenance, Shutdown, Construction, Installation, Reliability, Infrastructure Management, Utilities, Steam & Power, Business Intelligence, Business Analytics, Data Analysis, Data Cleaning, Data Mining, Data Visualization, NoSQL, SAP Crystal MM and PM, Microsoft Office, Tableau, Power BI, R, Python, Machine Learning, Project Management, Analytical thinking, Communication, Reporting, Problem solver, Detail-oriented, Strategy, Collaboration, Team player, Leadership.

CERTIFICATIONS

SQL, Tableau Essentials, Microsoft Excel, ML for Business

PROFESSIONAL EXPERIENCE

Wood PLC (Ras Laffan, Qatar) – Qatar Shell Pearl GTL Maintenance Project **April 2019 – December 2020**
Planner - Mechanical

- Detailed planning of jobs with the help of supporting documents like operation's ICC(isolations), Isometrics, equipment or related drawings and site visit.
- Analyse and update on bad actor list for quarterly reliability meeting & prepare library plans for recurring jobs
- Creation of material Purchase Request (PR) & service PR in SAP to capture planned cost in work order and Coordinates with third party contractors & services on requirements.
- Hazard and Risk identification of activities and coordinate with Operations, Safety and Execution dept for mitigation.
- Ensure the work is completed and close the permit and Work Order in SAP and E Permit System.
- Generate weekly KPI report for compliance.

Madian L.L.C (Ras Laffan, Qatar) - Qatar Shell Pearl GTL Major Turn Around (MTA19) **Jan 2019 – March 2019**
Mechanical Site Engineer

- Authorised permit Applicant and Permit Holder for works.
- Shutdown Maintenance of static equipment like Heat Exchangers, columns, Relief Valves (PSV's) and different types of Valves.
- Managing on site the team and third-party sub-contractors ensuring they complete tasks on time and safely to required standards.
- To allocate work and completion in accordance with the permit system, Providing an element of safety.
- Ensuring relevant spares are sourced and reported in a timely manner to minimise disruption. Maintain effective Health and Safety systems, including completion of risk assessments and method statements and tool box talks

Amec Blackcat L.L.C (Ras Laffan, Qatar) – Qatar Shell Pearl GTL Maintenance Project **Jan 2016 – Nov 2017**
Junior Planner

- Plan the activities based on SAP approved notifications, prepare the Work Scope & work Package.
- Prepare the Method Statement, Identify the required spares after the Material Evaluation with help of P&ID, Isometric & Piping Class and reserve the materials in SAP.
- Prepare the JHA(Job Hazard Analysis) by visiting site and identifying hazards, conduct risk assessment with RAM matrix and put control measures to reduce the risk of the activities to as Low as possible.
- Prepare and maintain all Permit to Work documents, Safety Certificate. Meet with the client for additional approvals depending on the risk rating & Hand over to supervisors base on weekly Look ahead for permit application.

M.K.S Engineering Contractors (Kerala, India)- BPCL Kochi Refinery **Nov 2014 – Dec 2015**
Junior Site Engineer

- Supervised the Fabrication of spools, Bends, reducer & Erection of Pipelines and Pump House as per the P&IDs and Isometric drawings.
- Ensuring the qualities and standards (API) are being followed & implementing safety practices on site.
- Preparing for Inspection of Hydro/ Pneumatic Testing & NDT Testing on pipelines & static equipment's.
- Preparation of test report and evaluate the Daily, Weekly & Monthly progress and generate the Report and communicate to Field Engineer.

ACADEMIC PROJECTS

HR Attrition (Tableau), Consumer Purchase Behaviour Analysis, Time-Series Analysis of Irish Energy Demand (R), Insurance Cross Selling Prediction(RapidMiner, E-Commerce EDA, Financial Fraud Detection(R), Shared Bike Usage Forecasting Based on Weather (Python).