PULKIT GUPTA

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CAREER ASPIRATION

An astute professional with around 8 years of experience; seeking a challenging role going forward to gain abundant exposure in the business world. Currently I am working as an Offshore Engineer and Analyst at McDermott Inc. I would like to see myself working in an organization with strong focus on Data Science and give boost to my learning and holistic growth. With the experience and skills, I am looking forward to an opportunity to use those while helping the company achieve its goals.

EXECUTIVE SUMMARY

- Offshore Oil and Gas Engineer with around **8** years of combined work experience in **Engineering**, **Data Analytics, and Data Science,** in Oil and Gas domain.
- Have an experience of working in various engineering projects with reputed Global clientele such as Total, British Petroleum, Reliance and Statoil.
- Worked on various Oil and Gas offshore facilities such as FPSO, Drill Ships, and Fixed Platforms and Conversion projects.
- Developed optimization tools through ML techniques with the purpose of reducing cost and improving system efficiency.

EDUCATION

International Institute of Information Technology, Delhi
M.Sc | Data Science |

Dr. A.P.J. Abdul Kalam Technical University
Bachelor of Technology | 1st Division

Competencies
- ✦ **Technical Skills**-SQL, Python programming, Advanced Excel, PDMS, SP3D

- ✦ **Soft Skills** Team Player, Persuasive communication,

PROFESSIONAL EXPERIENCE

McDermott	Gurgaon, India
Data Analyst	May2019 -**Present**
Data Analytics	Machine Learning	Engineering	

- ***Stress Support Optimization:*** Developing a ML algorithm to optimize and predict the no of supports and coordinates on the basis of Linear regression model developed reduced cost.
- ***Engineering:*** Responsible for Designing FW lines in 3D model and update the changes as per the latest Mark-ups and P&IDs.
- ***Team Lead***: Assigned the role of Coordinating with team members for Isometric Extraction of whole Fire Water System.

Samsung Heavy Industries	Noida, India
Data Analyst	Mar2017-May2019
Data Analytics	Machine Learning	Engineering	

- ***Process tool Optimization:*** Material Take off of Valves extracted through image recognition technique and comparing outcomes with conventional methods. The ML algorithm developed; helped in achieving targets with 95% accuracy.
- ***Prepared WCR and dashboards using PowerBI*** on Piping Bulk MTO on weekly basis, assessing the changes which impacted the weight of Oil and Gas production Facility.
- ***Engineering:***
  - Piping Design and preparing Layouts for modules.
  - Designing and sizing of PSV platforms
  - Reviewing Vendor documents, attending Vendor meetings and giving comments on Vendor drawings.

Samsung Heavy Industries	Noida, India
Data Analyst	Oct2012- Feb 2017
Data Analytics	Machine Learning	Engineering	Coordination	

Project: ICHTHYS CPF (***Deputation to South Korea for 6 months***)
Client: INPEX

- ***Coordination:*** Interaction with Korean counterpart and responsible for co-ordination activities with India Office.
- ***Engineering:*** Energetic member of a team which involved in structure modelling of Topsides Modules using software PDMS, modelling of intercostal beams for instrumentation and Pipe Supports.

Project: CAT-J JACK UP RIG
Client: STATOIL

- ***Coordination:*** Appointed as area Lead and made responsible for Layout and engineering activities related to the engine room area. Worked with a team of 5 members.
- ***Engineering:*** Successfully completed the project on time which involved interaction with the vendor, Pipe routing and material handling of Generators, Pipe support modelling adhering to all Human Factor Engineering and HSE requirements as per the client.

Project: EGINA FPSO
Client: TOTAL

- ***Engineering :***
    - Pipe routing using PDMS as per the system requirements using (P&IDs) for Heat Exchangers, Pumps and Vessels considering maintenance, operation, safety and optimum routing in piping design.
    - Pipe support modeling for lines above 2" as per Pipe Support standard and stress calculations performed in CAESER-II.
    - Inter-disciplinary co-ordination and involved in 90% review points closure.
    - Clash removals and design modification of pipes and equipment.

DECLARATION

I hereby declare that all the above information provided above are true to my knowledge.
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