**R E S U M E**

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| **ANTO TENNISON**  Tel. +91-9892275510, E-mail: [antotennison@gmail.com](mailto:antotennison@gmail.com) | **D:\Anto-picz\1.jpg** |

**OBJECTIVE**

* Take up challenging position with task to expertise and upgrade on hand skills.
* Looking forward a professional carrier to utilize my best of knowledge towards the growth of the organization where my skills and abilities are shared utmost.

**SUMMARY OF EXPERIENCE**

* 2 years and 10 months working experience overall, 1 year and 10 months experience in Oil & Gas processing complex in Onshore (Mangala Well Pads, CAIRN Energy, Rajasthan, India).
* 10 months in Design (R&D) field (part modelling, assembly modeling, drawing and simulation), documentation, Bill of Material and Basics of Excel.
* 3 months as an Audit Executive in Absotherm Facility Management Pvt. Ltd. to conduct Health, Safety and Technical Audits, Risk Assessment and prepare reports.

**EDUCATION**

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| --- | --- | --- | --- | --- | --- | --- |
| **Type**  **(PG / Graduate /PGD /Diploma/ Certificate)** | **Name of Institution** | **Name of the Qualification** | **Specialization Subjects** | **Period**  **( Month & Year)** | | **Result / Grade** |
| From | To |
| Graduate | Don Bosco Institute of Technology, Mumbai | **B.E.** (Bachelor of Engineering) | Mechanical | 2010 | 2014 | First Class |
| Certificate | SIES College of Arts, Science & Commerce, Mumbai | **H.S.C.** (Higher Secondary Certificate) | Science & Math | 2008 | 2010 | Distinction |
| Certificate | SIES High School, Mumbai | **S.S.C.** (Secondary School Certificate) | All Subjects | 2007 | 2008 | Distinction |

**TRAININGS / SEMINAR / WORKSHOPS ATTENDED**

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| --- | --- | --- | --- |
| **Name of Organization** | **Type of Training** | **Period ( Month & Year)** | |
| **From** | To |
| Cairn India Limited | Incident Response Plan (IRP) | Sept 2016 | Sept 2016 |
| Cairn India Limited | Confined Space Entry | February 2016 | February 2016 |
| Cairn India Limited | H2S Awareness | December 2015 | December 2015 |
| Cairn India Limited | Basic Fire Fighting | October 2015 | October 2015 |
| Cairn India Limited | SCBA Set | October 2015 | October 2015 |
| Cairn India Limited | PTW (Permit To Work) | Sept 2015 | Sept 2015 |
| B. P. Marine Academy | STCW 2010 | March 2015 | April 2015 |
| Advanced Training Institute, Govt. of India | Solid Works | February 2015 | March 2015 |
| TEDA at IIT-Madras Research Park | National Level Student Competition workshop on Renewable Energy | March 2014 | March 2014 |
| Don Bosco Institute of Technology | Arduino Programming | October 2013 | October 2013 |
| Don Bosco Institute of Technology | Cisco Certified Network Associate (CCNA) | October 2013 | October 2013 |
| Technophilia Systems – association with Robotics & Computer Application Institute of USA | Swarm Robotics | September 2013 | September 2013 |
| Mindsprings Management Consultant Pvt. Ltd. | Lean Six Sigma Green Belt | February 2013 | March 2013 |
| Don Bosco Institute of Technology | Robotics Level-1 | February 2011 | March 2011 |

**EMPLOYEMENT & WORK EXPERIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the Organization** | **Nature of Business of the Organization** | **Last Position** Held | **Period ( Month & Year)** | |
| From | To |
| CAIRN India Ltd. | Oil & Gas Exploration and Production | Production Operator (Well Head) | Sept 15 | Present |
| Express Elevators Pvt. Ltd. | Design | Design Engineer & Site In charge | July 15 | Sept 15 |
| Absotherm Facility Management Pvt. Ltd. | HSQE (Health, Safety, Quality & Environment) | Audit Executive | May 15 | July 15 |
| Harsh Precious Metal Pvt. Ltd. | R&D (Design) and E-Commerce | Technical Engineer - Design | Sept 14 | Feb 15 |
| Pure Water Management Pvt. Ltd. | Marketing | Technical Marketing In charge | Jul 14 | Sept 14 |
| Voltas Limited | Research and Planning | Engineering Student Internship | Dec 13 | Jan 14 |

**PROJECT UNDERTAKEN**

* During engineering student internship with Voltas Limited:
  + Understood the HVAC duct design of various projects undertaken by Voltas Ltd.
  + Learnt various components of an Air Cooling System.
* Waste Management of Don Bosco Center for Learning (Project done under NSS unit of DBIT). Made the campus a place of Zero Waste.
* During projection, camping involved Energy Saving Audit of DBCL campus succeeded reduction of electricity consumption and achieved saving electricity bill to the college from $9000 to $2000.
* Slider Crank Gripper (BE mini-project for the subject industrial robotics). Had successfully completed the mechanism and demonstrated its effective functions to the industrial team.
* 5-DOF Articulated Robotic Arm(BE project). Used Arduino programming and motor drivers, servomotors to synchronize Robotic Arm.

**INTERESTED FIELDS**

* Design Engineering
* Manufacturing
* Health & Safety
* Maintenance Engineering
* Planning Layout

**Design:**

Design in AutoCAD 2D and 3D. Solidworks Drawings, Part modeling and Assembly, Surface modeling, Sheet Metal and Weldments. Analysis and Interpretation of Drawings and Technical specifications. Basic knowledge in Pro E. Generating drawings sheets according to the required scale of projection. Preparation of BOM.

**Health & Safety:**

Conducting Health, Safety, Quality, System and Technical Audits. Analysis of HVAC and electrical system on safety prospect. Application of 5S (Set, Sort, Shine, Standardize and Sustain). Conducting Risk Assessment of any system and reducing the grey areas accordingly to the analysis.

**Well Head Operations:**

Operation of X-Mass tree, Actuator operated Master valve and Wing valve, annulus pressure bleeding operation, panel board operations. Flow line choke changing and adjusting, flow line PSL & PSH switches, FTHP well equalizing, well testing, orifice changing in the flow lines (oil & water), flow and pressure recording. Isolation and hand over the wells to **well service** for perforation, acid stimulation, well cleaning, wire line operations such as bottom-hole sampling, reservoir study and down-hole pressure analysis.

**Oil Field Experience:**

Familiar with oil manifold chokes, **Injection of chemicals** like Demulsifier, Scale Inhibitor, Corrosion Inhibitor, H2S Scavenger and Biocide, injection rate calculations, and chemical injection pumps (electrical drive). Desalting crude through electric desalted, Produced water tank, Skimmer tank, Tilted plate tank gas boot, produced water flash drum, knock out drum, **Pig launching and receiving** (foam, scraper, cup and intelligent), preparation of **daily production reports** (gas, oil & water), well test data entry, oil & gas calculation for GOR. Operation & control of roof top intermediate tanks (5000 m3), float top main tanks (150000 m3), handling transfer pumps, booster pumps, main pumps, current level of the tanks, bottom oil transfer operation, water draining and operation of all motor operating valves at Crude Oil Pumping Station.

**Water Treatment and Injection:**

Start up of water lift pumps (Ingersoll-Dresser 450 m3/h), electro chlorination package units, chemical injections like biocide 1 & 2, anti-scale, anti-foam, and Cl2 scavenger, coarse filter, sand filters (220m3/h), back washing sequence of the filters, blowers, separator (stripping gas method and vacuum method), O2 scavenger injection. **PCV & FCV** (Mini flow) controlling, export line pressure monitoring and water export line pigging operations.

**JOB RESPONSIBILITIES**

* Designing products or systems in 3 D modeling in **Solidworks**.
* Sheet metal and surface modeling designing.
* Designing products or systems in 2 D modeling in **AutoCAD**.
* Evaluate design modifications to eliminate machine or system malfunctions.
* Handled the job of checking and correcting the complete **Bill of Materials (BOM)** of a product before being released for manufacturing.
* I have a good experience in Trouble shooting with WHY-WHY analysis technique, Preventive, Predictive & Shutdown Maintenance, Man power handling, Inventory management skills, shop-floor management using tools like **TPM, 5S & Kaizen.**
* Co-ordination and Progress review meeting with vendors
* Supervising the junior staffs and getting the work done with quality.
* Troubleshooting of the grey areas and introduced the Standard Operating Procedure (SOP).
* Had conducted Health, Safety, Quality, System and Technical Audits and prepared the reports.
* Successfully completed basic fire fighting. Knowledge about Incident Response in an emergency situation.
* X-Mas tree valve operation at Oil Well pads.
* Maintenance of the Chemical Dosing for the oil wells and the pipe lines - Corrosion Inhibitor, Scale Inhibitor, Demulsifier and H2S Scavenger.
* Startup and shutting of a well in the oil well pads.
* Handling the utility and instrument air compressor, dryers, centrifugal pump, piston pump, etc
* Pig launching and receiving for the internal cleaning of pipeline debris and settlement at oil well pads.
* Monitoring the **pressure** and **flow rate** of the pipelines and bleeding off the pressure as per requirement.
* Handling and operation of all valves at high pressure flow lines.
* Managing multiple tasks at the same time by scheduling of tasks according to priority.
* Energetic and enthusiastic working nature for quality work output.
* Reporting the top management at the scheduled time.
* Taking up any jobs related to my career as and when the management instructs.
* High level of Personal Credibility and Integrity.
* Quick learner.
* Time Management by the Projects completed during the academic career.
* Good Team Work Skills.
* Good Interpersonal and Communication Skills.
* Persuasive, Assertive and an approachable personality with integrity, imagination and outgoing.
* Good command of Microsoft Office.

**PROFESSIONAL ACCREDIATION / LICENCES**

|  |  |  |
| --- | --- | --- |
| **Professional Body / Organization** | **Type** | **Validity ( if any)** |
| Crextal 2014 | Registration Committee Head | 2013~2014 |
| ISHRAE | Member | 2013~2014 |
| NSS (National Service Scheme) | Waste Management Head | 2012~2013 |
| Collosseum 2012 | Conducted the Algorithmic Maze | 2011~2012 |

**COMPUTER KNOWLEDGE**

* AutoCAD, SolidWorks
* Basic knowledge in Pro-E and Ansys
* Microsoft Office
* Basic knowledge in C++ and Java

**PERSONAL INFORMATION**

Name : Anto Tennison

Father Name : S G Mathiazhagan

Address : 2/3, C-100, Rajiv Gandhi Chawl, Dhorwada, Dharavi, Mumbai – 400 017.

Cont. details : Tel. (gsm) + 91 9892275510; Email: [antotennison@gmail.com](mailto:antotennison@gmail.com)

Date of Birth : 14th December, 1992

Nationality : Indian

Languages : English, Hindi, Tamil and Marathi

Hobbies : Exploring new Technologies, Reading, Table Tennis, Chess and Music.

**REFERENCES**

1. Dr.Prasanna Nambiar–HOD(Mechanical Department at DBIT )
2. Prof.Buddhipriya Chavan (Senior Professor at DBIT)
3. Mr. Royal D’souza, Senior Programme Coordinator (NSS & Outreach), Don Bosco Center for Learning, Kurla

**DECLARATION**

I hereby declare that the above information is true to the best of my knowledge and belief.

Place: MUMBAI